



## Ravi Kumar Jangid

.Net Full Stack | AI Engineer

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A versatile, high-energy technocrat with the distinction of executing prestigious projects of large magnitude within strict time schedule offering more than 15 years of exposure to provide the solutions by enhanced the **Customer Digital Experience** on **Consulting, Application Development, Integration, Quality Assurance, Support, Technology Architecture, Project Delivery and Client Interaction**. Plus **2 years with AI Targeting** assignments within organizations of repute in IT sector, preferably India/Overseas...



### Work Experience

- Lead a team of 8-10 members to provide hands-on contributions within team and consulting to analysis, design, development Security, integration, delivered with Q&A and maintenance to enhance Customer Digital Experience using technologies like .Net Core, C#.
- Provide Technology consulting to conduct the discovery workshop with roadmap of implementation & delivery of project, supporting various stakeholders -IT vendors, Infrastructure support teams, Technology solution providers so on
- Research and Analysis with design, development, implementation, upgrade and maintain for enterprise scale solutions using solutioning tools within multiple environments including Windows, and Cloud platforms, delivering customer's workshops from discovery to deliverables
- Collaborated with vendors and other stack holders for successfully developing complex engineering applications, while adhering to the software development life cycle process with agility and security procedures to drive the values from 3rd party vendors through governance, KPI's and SLAs.
- Act as SME on virtualization and Cloud technologies to design and implement scalable, high-performance, high-availability public, private, and hybrid cloud environment's models and roadmaps in the domain
- Gathering & translating requirements and high-level designs into consistent deployable patterns that meet the tactical & long-term technology, application & platform strategy products
- Mentored & coached the Project Team on areas such as design, development and integration, planned and integrated the work of multiple teams on a project, provided input on team performance and reward.
- Prepare docs like SOWs, RFPs/RFIs, HLDs/LLDs and involve in development of functional requirements and design specifications as appropriate in developing, creating & documenting technical specifications and designs from which composite application can be developed that satisfy documented business/functional requirements by POCs
- Envisioning potential future requirements and business needs to ensure solutions are flexible & extensible and providing programming & technical expertise to ensure business solutions function as business & technical requirements
- Ensuring that all code / technical configurations and other work products are unit-tested prior to delivery to participate in system / integration testing, performing code reviews and other QA steps as requested
- Support multiple assignments at the same time as instructed by top management and business requirements.
- Identifying & communicating potential problems and issues to project team members / leaders, diagnosing alternatives and recommending / implementing solutions as appropriate
- Ability to work in high pressure environment with a pragmatic approach to problem solving adherence



IT Skills

Cloud's Platforms:	Microsoft Azure, AWS
AI Languages & Frameworks:	Python, Scikit-Learn, TensorFlow, Karas, PyTorch, NLTK, Hugging Face Transformers, OpenCV, Fast API, Flask, Streamlit.
	Tools & Libraries: Pandas, NumPy, Matplotlib, Plotly, Seaborn, PySpark, OpenAI API, REST APIs, GraphQL, Neo4j, Docker, GitHub Actions, CI/CD Pipelines.
	Database Systems: SQL, NoSQL, Vector Databases (Pinecone, Faiss, Chroma DB).
Data Science & AI:	Machine Learning, Deep Learning, Generative AI, LLMs (GPT, Gemini, LLaMA, Falcon, DeepSeek), Natural Language Processing (NLP), Time Series Analysis, Model Deployment, Prompt Engineering.
	Frameworks & Tools: LangChain, RAG (Retrieval-Augmented Generation), LlamaIndex, LangGraph, LangGraph, PhiData, LangServer, AutoGen, LangSmith, AutoML.
	Applications: AI-Driven Process Automation, Predictive Modeling, Statistical Analysis, Big Data Technologies, Data Visualization.
Security and Firewall Platforms:	Azure Firewall, Azure WAF
Automations:	RPA UiPath, Terraform, Ansible
Web Programming:	AI Co-Pilot 365 , VS Code, Visual Studio 19 , ASP.net, C#, Web API 2, Graph API, WCF, IIS 6.0 /7.0, Ajax, JSON, XML, XSLT, WCF, .NET CORE, HTML, JSP, Java Script, Python, React JS, Angular, Web Services, Python, jQuery, Ajax, Shell and DOS batch Script, PL\SQL, CSS, Json, Microservices so on.
Web Frameworks:	.NET Framework, NET Core, Unified .NET (5+), Entity Framework 6 JS Framework/Library - Angular4+, jQuery, JavaScript, Typescript
Webservers and Middleware's:	Reverse Proxy Servers - Nginx, Tomcat Apache, IIS, Kestrel, HTTP.sys
Access and Control:	Microsoft AD, Azure AD, custom approach using RBAC & ABAC
Operating System:	Windows Servers 2012/2016/2019, Linux Servers -Ubuntu & Red Hat
Databases:	Oracle Database, Microsoft SQL , MySQL, Postgres DB
Integration's Tools & Technology:	Web Services SOAP & REST, Open API Gateway, JWT, JSON and so on
Virtualization and Containership:	Docker, OpenShift, Kubernetes, VMWare, Hyper-V, VirtualBox, Podman, MiniKube
Versioning Tools:	Azure DevOps (Git/TFVC), MS Visual Source Safe (VSS), TFS, SVN, Git, GitHub
Reporting Tools:	SSRS, Crystal Report
Methodologies:	Enterprise Agile Process -SCRUM (PI, Sprints), Waterfall Model
Application Architectures:	MVP, MVC, MVVM, Service Oriented Architecture, N-Tier , Microservices , Vertical Slicing Architecture
Other Utilities:	

Dundas, XMLspy, Ajax Toolkit, Telerik, Araxis Merge (Merging Tool), Postman, MS-Visio, Fiddler, Firebug, Database Performance Analyzer – Ignite, Slack, Skype, Outlook, Microsoft Teams / Skype, TOAD, Jira, VCS, Bamboo, Jenkin, Relic, Quest, WinSCP, Putty, FileZilla FTP server, JDeveloper, pgAdmin, DBeaver, SQL Developer so on...

## Professional Experience

### Wipro Ltd.

Since January 2021

As Technical Lead

#### Project Name:

Loan Guarantee Module WBG [World bank group]

#### Role:

Minimal API Lead - **Backend Engineer**

#### Contribution:

- Work closely with stakeholders (product, app owners, security) to capture custom requirements, constraints, SLAs, and compliance needs; translate into clear user stories/specs with acceptance criteria.
- Engaged in development & coding of application using .Net, resolution of complex problems, enhancements, support & maintenance, executed analysis, documentation, and maintenance of the project
- Implement Infrastructure as Code with Terraform (versioned configs, reusable modules, multi-env dev/test/stage/prod, drift detection).
- Integrate with CI/CD (GitHub Actions/Azure DevOps): plan/apply gates, change previews, automated validations, and environment promotions.

#### Technologies Used

Co-Pilot, Azure DevOps, GitHub CI\CD, Terraform (IaC), GitHub Copilot, REST APIs, Postman, .NET8 Core, C#, Minimal API's, Postgres, jQuery, REST API's, VS Code, GitHub, CI/CD so on.

#### Project Name:

Wipro Innovation Networks

#### Role:

AI Engineer (AI & Machine Learning Projects)

#### **Health Assistance Application (LLM, RAG, LangChain)**

Architected an end-to-end health assistance platform leveraging **Gemini 1.5 Pro**, Retrieval-Augmented Generation (RAG), and LangChain.

Enabled doctors and patients to access accurate medical insights, including symptom analysis, treatment suggestions, and preventive care guidance.

Improved decision support through personalized, context-aware recommendations using generative AI.

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#### **Conversational AI Chatbot for Customer Support (GPT-4o, LangChain, AWS Bedrock)**

Designed and deployed an enterprise-grade conversational chatbot powered by **GPT-4o** with LangChain and AWS Bedrock integration.

Implemented advanced NLP techniques including intent recognition and dynamic response generation.

Reduced customer query resolution time by **40%** and significantly improved user satisfaction.

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#### **WizDocument AI – Document Intelligence Platform (LLM, BART, DistilBERT)**

Engineered a document intelligence system for automated text extraction, summarization, and sentiment analysis.

Integrated LLMs with RAG to deliver deep insights and visual analytics for PDF and DOCX files.

Deployed using **FastAPI** and **Streamlit**, reducing document processing time by **60%** in legal and academic workflows.

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### Intelligent Document Summarization Tool (Pegasus, LLM, FastAPI, Streamlit)

Developed a transformer-based summarization system using **Pegasus** for generating concise and context-aware summaries.

Enabled real-time document interaction supporting PDF and DOCX formats with semantic relevance extraction.

Reduced manual review effort by **60%**, improving productivity across research and documentation tasks.

#### Project Name:

Role:

Contribution:

Outages monitoring and management - National Grid UK

.Net Lead - **Backend Engineer**

- Work closely with stakeholders (product, app owners, security) to capture custom requirements, constraints, SLAs, and compliance needs; translate into clear user stories/specs with acceptance criteria.
- Engaged in development & coding of application using .Net, resolution of complex problems, enhancements, support & maintenance, executed analysis, documentation, and maintenance of the project
- Working as a **Backend Engineer** specializing in **C#** development.
- Following **Agile methodologies**, primarily the **Scrum** framework.
- Responsible for **API design, development**, and backend implementation.
- Collaborating with **multi-vendor development teams** to resolve complex technical challenges.

Technologies Used

NET8 Core, C#, N-Tier, SQLServer2019, jQuery, REST API's, VS2022, GitHub, CI/CD, JIRA, Service Now

#### Project Name:

Role:

Contribution:

Everestre Insurance/ Reinsurance USA

.Net Lead

- Work closely with stakeholders (product, app owners, security) to capture custom requirements, constraints, SLAs, and compliance needs; translate into clear user stories/specs with acceptance criteria.
- Engaged in development & coding of application using .Net, resolution of complex problems, enhancements, support & maintenance, executed analysis, documentation, and maintenance of the project
- **.NET Lead** with hands-on experience following **Agile methodologies** and **DevOps practices**.
- Translating **business and user requirements** into clear and actionable **software requirements**.
- Responsible for **application design and development** across the .NET ecosystem.
- Collaborating with **multi-vendor development teams** to address and resolve complex technical issues.

Technologies Used

.NET6 , C#, N-Tier, SQLServer2019, jQuery, REST API's, VS2022, DevOps 2022 CI/CD , JIRA , Service Now, Azure Data factory, SSIS

#### Project Name:

Role:

Contribution:

DARPAN (Prabal) [CGDA DEFENCE]

WMS WEB/API'S For budget monitoring and payments

Project Lead

- Work closely with stakeholders (product, app owners, security, network, Operations) to capture custom requirements, constraints, SLAs, and compliance needs; translate into clear user stories/specs with acceptance criteria.
- Project Lead with experience following Agile methodologies and DevOps practices.

- Translating user and business requirements into well-defined software requirements.
- Leading SBI integration efforts and driving architecture design for web applications and APIs.
- Actively involved in application design and hands-on coding.
- Collaborating with client-side development teams to resolve complex technical issues.
- Implementing file encryption and decryption processes for Gem/NCS integrations.
- Managing and mentoring a team of 5–10 developers, ensuring smooth delivery and technical excellence.

Technologies Used

Core3.1, C#, N-Tier, Razor Pages, SQLServer2019, jQuery, REST API's, JavaScript, VS2019. DevOps 2019 CI/CD

**Project Name:**

Workflow Management System –**SembCorp**  
WMS WEB/API'S For watch Power Wind turbines Power & Solar Panels Sites

Role:

Tech Lead

Contribution:

- Tech Lead with experience working under Agile methodologies and DevOps practices.
- Translating user and business requirements into detailed software specifications.
- Leading Azure SSO integration efforts and driving architecture design for web applications and APIs.
- Actively contributing to application design and hands-on coding.
- Collaborating with client development teams to resolve complex technical issues.
- Working with SAP RFCs in coordination with ABAP developers.
- Implementing SignalR integration with SCADA systems for real-time web communication.
- Managing and guiding the development team to ensure efficient delivery.

Technologies Used

Core3.1, C#, N-Tier, SQLServer2019, jQuery, MVC, REST API's, JavaScript, VS2019.

**Agreeya Solutions Pvt. Ltd.**

Since 15 MAY 2018 – JAN'21

As Technical Lead

**Project Name:**

CNH INDUSTRIAL (Fiat) **ERP Applications**

Role:

Technical Lead

Contribution:

www.newhollandindia.com -- New Holland ERP  
www.caseindia.in -- CASE INDIA ERP

- Lead working within Agile methodology
- Translating user requirements into clear and actionable software specifications.
- Actively engaged in application design and hands-on coding.
- Developing solutions aligned with Agile principles and the Scrum workflow.
- Providing technical services and support for complex system issues.
- Responsible for maintenance and enhancement of Web-based ERP systems.
- Working with SAP Web Services / RFCs and integrating LN ERP Oracle data into SQL Server for web applications.
- Experience in developing and managing Console Jobs and Windows Services.

Technologies Used

ASP.NET Core, Angular 4, VB.NET, C#, N-Tier, SQLServer2012, jQuery, MVC, JavaScript, VS2015/17.

**Infotachus Pvt. Ltd.**  
Since 1 Sep 2016 – APR 2018  
As Lead

**Project Name:** Vendor Management System VMS- Web [Client: dot Staff USA ]  
**Role:** Lead  
**Contribution:**

- Team Lead working within Agile methodology (Scrum).
- Translating user requirements into well-defined software requirements.
- Actively contributing to application design and hands-on coding.
- Developing solutions aligned with Agile principles and the Scrum framework.
- Providing technical services and support for complex issues.
- Leading and managing a team of 8–10 developers to ensure successful delivery.

**Technologies Used** ASP.NET, VB.NET, C#, N-Tier, SQLServer2008R2, jQuery, JavaScript, VS2015

**Project Name:** Vendor Management System VMS- iPhone [Client: dot Staff USA ]  
**Role:** Lead  
**Contribution:**

- Team Lead working within Agile methodology (Scrum).
- Coding & Design [WEB API, MT Dialog/ Storyboard].
- Translating user requirements into well-defined software requirements.
- Actively contributing to application design and hands-on coding.

**Project Name:** MedSanns  
**Role:** Lead  
**Contribution:**

- Designed and developed the **architecture platform for MedSanns**.
- Translated **user requirements** into detailed functional and technical specifications.
- Actively involved in **application design and hands-on coding**.
- Lead and coordinated a **team of 2 developers** to ensure smooth execution and delivery.

**Path Infotech Ltd.**  
Since 2 Jul'14 - 31 July'16  
As Analyst Programmer

**Project Name:** E-Governance CCTNS, Panchkula-HARYANA [Hewlett Packard]  
**Role:** Analyst Programmer  
**Contribution:**

- Conducted comprehensive requirements gathering and field analysis to ensure accurate solution design.
- Performed development and customization of the CAS (Core Application) using the MVP pattern.
- Managed deployment activities within the State Data Center, ensuring smooth rollout and environment stability.
- Responsible for database troubleshooting, performance tuning, and issue resolution.
- Actively contributed to application design and hands-on coding throughout the development lifecycle.

**Technologies Used** ASP.NET, C#, MVP, SQLServer2008R2, jQuery, JavaScript, AJAX, WCF

**Project Name:** Web CMS- Videocon & Extended Warranty Module [Client: Videocon]  
**Role:** Lead

Contribution:

- Worked on the Extended Warranty Module, including application development and database design.
- Contributed to design discussions and architectural decisions across project teams.
- Translated user requirements into clear and actionable software requirements.
- Actively involved in application design and hands-on coding.
- Developed solutions following Agile principles and the Scrum methodology.
- Provided technical support and services for resolving complex issues.

Technologies Used

ASP.NET MVC4.0, EF, SQLServer2008R2, jQuery, JavaScript

**Infrasoft Technologies Ltd.**

From Mar'12-May'13

As Associate Consultant

**Project Name:**

CCTNS (Automation of Police Station at State Level) RAJASTHAN

**Role:**

Associate Consultant

**Contribution:**

- Conducted comprehensive **requirements gathering and field analysis** to ensure accurate solution design.
- Performed **development and customization** of the **CAS (Core Application)** using the **MVP pattern**.
- Managed **deployment activities** within the **State Data Center**, ensuring smooth rollout and environment stability.
- Responsible for **database troubleshooting**, performance tuning, and issue resolution.
- Actively contributed to **application design and hands-on coding** throughout the development lifecycle.

Technologies Used

ASP.Net, MVP, SQLServer2008R2, jQuery, JavaScript, AJAX, WCF

**Avinex Software Pvt Ltd.**

From MAY 11- DEC'11

As Programmer

**Project Name:**

**Project CatCheck2.0 / CatCheck1.5 - Oil & Refinery**

**Role:**

Programmer

**Contribution:**

**LDG (Loading Diagrams) Charting Package Module**

**Synopsis** : Detail Analysis of bulk Data which is going to be display in form of Charts. Cat Check Version 1.5 and 2.0, I worked on (Point Exclusion, HDN, HDS, DeltaP, Trend line, and Average line) chats on the basis of data point's series, Convert Formulas.

**ROLE & RESPONSIBILITY**

- Managed the **Point Exclusion module**, ensuring smooth functionality and timely updates.
- Performed **bug fixing, code reviews**, and created or optimized **database stored procedures** for improved performance.
- Responsible for **coding, design, and development** activities across the module.

**CatCheck2.0 / CatCheck1.5 Module**

**Synopsis** : CatCheck allows managing a periodically Cycle According and do manipulation of huge data. Configuration used in Reactors and 6 types of application for different reactors.

**ROLE & RESPONSIBILITY**

- Code and Fixing Problem.
- Involved in clarification of requirements, defects and bug fixing, Coding, development and Maintenance

Technologies Used

ASP.Net, MVP, SQLServer2008R2, jQuery, JavaScript, AJAX, WCF

## Jaipur Silver Jewells Pvt Ltd.

From MAY 10- APR'11

As Software Developer

### Project Name:

E-Commerce [Auctions/ Sales] applications

Role:

Software Developer

Contribution:

- **Indiagems.com**
- **Silverjewelryauction.com**
- **DallasBeadStore.com**

### ROLE & RESPONSIBILITY

- Involved in **requirement clarification** and coordination with stakeholders.
- Responsible for **database design** along with payment **PayPal** integration.
- Performed **coding, design, development, and system analysis** across the application lifecycle.
- Managed **deployment activities**, including configuration and hosting on **GoDaddy servers**.

Technologies Used

ASP.Net, SQLServer2008R2, jQuery, JavaScript, AJAX



## Achievements

- ⇒ Rewarded by “Habit Flagbearer - Building Trust in 2023” for best Performance and Client’s Business Valuation
- ⇒ Rewarded by “Best Account Delivery Team 2022” to highest feedback valuation from Client
- ⇒ Credentials & Certifications  
<https://linkedin.com/in/ravijangid>



## Education

- ⇒ Master in computer application (MCA), Sinhgad institute of business administration and computer application lonavala, Pune University, Pune -Maharashtra ,2008
- ⇒ Bachelor in computer application (BCA), University of Commerce Collage Jaipur, Rajasthan University, Jaipur 2005
- ⇒ Central Academy, Rajasthan Board, Jaipur, Rajasthan, India, 2001

## Soft Skills



Team Player



Problem Solver



Analytical



Collaborator



Communicator



Innovator



## Skill Set

Research and Analysis

Application Development

Stakeholder Engagements

Technology Architecture

Quality Assurance

Application Support

System Integration

Technical/Functional Designs

Team Management

Application Integration

Client Relationship Management



## Personal Details

Languages Known: English, Hindi

Address: Jaipur, India

### Declaration

I hereby declare that the information furnished above is true to the best of my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Ravi Kumar Jangid