Rahul Satish Ban

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Results-driven **Fullstack Software Engineer** with 5.5+ years of experience architecting and delivering solutions across the entire technology spectrum from legacy modernization to AI-powered applications.

EXPERIENCE (5.8 Years)

UST Global — Lead I Software Engineering

24 March 2025 - Ongoing

Ensono Technologies LLP — Associate Technology Consultant

27 October 2022 - 21 March 2025

Capita India Pvt. Ltd / Ventura India Pvt Ltd — Associate Software Engineer

22 Feb 2021 - 21 October 2022

L&D Infotech Private Ltd, Pune — Jr Developer

08 Jan 2020 - 19 Feb 2021

EDUCATION

Bachelor Of Engineering - Electrical Engineering

Savitribai Phule Pune University, Pune

2015 - 2020

SKILLS

Familiar with a vast array of concepts and technologies, including

Technical Skills	Soft Skills
Programming Languages: Python, Java, C#, JavaScript, Typescript, Actian OpenRoad (legacy), COBOL (legacy), Mainframe **Scripting:** PowerShell, Batch scripting **AI:** Generative AI, Azure OpenAI Services, Agentic AI **Front-end Development:** HTML, CSS, Angular, ElectronJs, React, NextJs **Back-end Development:** .NET, Node.js, Django, FastAPI, Flask **Database Management:** Microsoft SQL Server, Ingres SQL, MongoDB, Neo4j, CosmosDB **DevOps Tools:** Jira, DevOps **Cloud Technologies:** Microsoft Azure, AWS **Version Control:** Git, GitHub, Azure Repos **Additional:** RESTful APIs, JSON, Agile Methodology, Legacy Modernization	• Quick learner • Good at Communication • Problem-Solving • Time Management • Adaptability • Patience

CERTIFICATIONS

- AI900 - Microsoft Certified Azure AI Fundamentals
- AZ900 - Microsoft Certified Azure Fundamentals
- IBM - Python for Data Science, AI & Development

PROJECTS

UST Global

Innovations Division : Bain & Company

Led the end-to-end development lifecycle for multiple internal tools within Bain's Innovations Division, transforming concepts from Proof of Concept (POC) to production-ready Minimum Viable Products (MVPs) for HR, Sales, and Project Stakeholders.

Responsibilities:

- Spearheaded the development of an AI-powered Candidate Screening Portal, migrating the backend from .NET to Python FastAPI and integrating Azure OpenAI. The tool now automates resume evaluation, psychological analysis, and persona analysis, reducing initial screening time by an estimated 60% for the HR team.
- Architected and implemented specialized Agentic AI and RAG-based chatbots to automate interview question generation and candidate interactions, significantly enhancing the efficiency of the hiring pipeline.
- Automated Non-Functional Requirement (NFR) tracking by integrating with Jira, Azure Cloud, eliminating manual data entry and ensuring 100% accuracy of project metrics for stakeholders.
- Developed and maintained core modules for the Partner Assessment System, a complex platform managing the lifecycle for sales partners responsible for generating business for Bain.

Technology Stack: C#, .NET Framework, Python, Autogen, Agentic AI, FastAPI, React, Node.js, Azure Cloud, Azure OpenAI, Cosmos DB, Microservices, Git, DevOps, Jira

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Ensono Technologies

Legacy Modernization (3+ Clients)

At Ensono Technologies, I played a crucial role in driving the modernization of legacy applications, transforming them into cutting-edge solutions using the latest technologies and cloud services for 3+ clients. This initiative aimed to enhance performance, scalability, and maintainability for clients worldwide, unlocking new opportunities for growth and innovation.

Responsibilities:

- Led the modernization effort, converting legacy applications into modern languages and frameworks, including Java, C#, Python.
- Successfully migrated applications to cloud technologies like Microsoft Azure Cloud, optimizing performance and cost efficiency.
- Collaborated closely with cross-functional teams to ensure seamless integration of front-end and back-end development.
- Implemented efficient database management solutions, utilizing Microsoft SQL Server and MongoDB, ensuring data integrity and accessibility.
- Utilized Docker for streamlined application deployment and version control with Git for efficient collaboration.
- Developed and maintained scripts in Batch, Bash, and PowerShell, Python streamlining operational processes and enhancing automation.
- Leveraged RESTful APIs to enable smooth communication between various components of the modernized applications.
- Agile Methodology, contributing to iterative development, rapid prototyping, and continuous improvement.

Technology Stack: Java, C#, Python, Mainframe, COBOL, CICS, JCL, GenAI, JavaScript, Batch, Bash, PowerShell, HTML, CSS, ReactJs, Angular, ElectronJs, Node.js, Django, Spring Boot, Microsoft SQL Server, MongoDB, AWS, Microsoft Azure, Git, Docker, RESTful APIs, JSON, Agile Methodology, Microservices, FastApi

Recognitions for tools and automations:

- **Ensono's Hall Of Fame: Innovator's Award 2024**
  - For creating **BetterLogs**: In-house Log Analysis tool that saved money and countless weeks worth of effort looking at logs. Able to crunch 20+ gigs of logs in a minute.
  - Alternative market tools : [ElasticSearch Log Monitoring](#), [PaperTrail](#), [Datahog](#)
  - Tech stack: Python, Flask, HTML, CSS, React, electronJS, Azure Cloud, REST API, FastApi
- **Various achievements:**
  - Spotlight Award June 2024 For creating a tool that has the ability to give you a **Code Complexity Analysis with AI** features for your codebase, regardless of language tailored to accommodate Legacy and Modern languages. Ability to visualize the codebase with Neo4j integration.
  - AI integration that tells you the Codebase Analysis including codebase quality, complexity, improvement and gives ability to talk about codebase with AI agent via chat.
  - This serves sales, management and development teams to estimate costing and efforts required to work on **Client's codebase.**
  - Tech Stack: Python, Azure OpenAI service, Flask, REST API, electronJs, Neo4j, Microsoft SQL server, HTML, CSS, Javascript, Azure Cloud, FastApi

- **Thank You Award (Dec 2023, Feb 2024, Aug 2024, Nov 2024)**
  - Implemented **SQL feature** in Powershell that gives you ability to execute queries in powershell, no need to open a SQL client to run queries. Tech: Powershell
  - Created a Python library for **Batch WIQL Query editing solution** for Azure Devops. No solution exists for this on VS marketplace. Tech: Python, REST API, Azure Devops
  - Automation in **Mainframe** using python for JCL generation and COBOL code changes which improved efficiency by 60%. Tech: Python, Mainframe, COBOL
  - **Azure Devops automation scripts** for creating epics, workitems, tasks for a custom process followed by the organization. Saved countless hours involved in doing such for each sprint. Tech: Powershell, Python, REST API, Azure Devops
  - **Azure pipeline** for custom tasks time tracking script. Tech: Python, Azure Devops

Capita India

Revenues and Benefits

Contributed to the development and maintenance of 'Revenues and Benefits' (RnB), a complex platform serving UK citizens for affordable housing and tax management, active in over 10+ UK Councils.
Responsibilities :
- Responsible for *development of responsive screens, implementing new features*, **code refactoring** and *bug* fixes.
- Additional *features development* and *deployment*.
- Implemented a **CI/CD pipeline** for the dev-test environment, reducing deployment time by 30% and minimizing manual deployment errors.
- Maintaining **code base and databases**.
- Worked on some of the **core** and **complex modules** of the project.
- Being *Agile*, contributing the team with *timely deliveries, process improvement methods and sprint successes*.
- Explored and implemented various new technologies.

Technology Stack: Actian OpenRoad, C#, Python, FastApi, React, Microservices, .Net Framework, ingres SQL, Git, AWS, DevOps, Bash & Batch Scripting,

L & D Infotech Pvt Ltd

Elearning

Developed and maintained an e-learning platform providing educational content and competitive exam training for students from primary school to graduation level.
Responsibilities :
- Contributed to the full development lifecycle of an e-learning platform serving over 10,000+ students, from requirements gathering to deployment.
- Responsible for feature development, unit testing, and server deployment using Java-based technologies.

Technology Stack: Java, Spring MVC, Spring Boot, Hibernate, MySQL, JSP

Analyzing US Economic data and building a dashboard — IBM Certification Project

Mar 2019 to June 2019
Data visualization of the economy survey by creating data frames of GDP and Unemployment, finally creating a dashboard expressing the correlation between them helping to understand how GDP affected unemployment in 2019.
Technology Stack: Python, Data Science, Pandas, NumPy, MatPlotLib, Jupyter Notebook

PUBLICATIONS

RESEARCH PAPER - CIKITSU JOURNAL FOR MULTIDISCIPLINARY RESEARCH
ISSN NO: 0975-6876 Underground Cable Fault Finding Using Arduino

DECLARATION

I hereby declare that all the above information is accurate to the best of my knowledge.

Rahul Satish Ban
Pune.