

Ayush Jha

Generative AI Solution Developer | Full-Stack Developer | Azure & AWS | Microsoft Certified DevOps Expert | Salesforce Certified

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Profile Summary

Experienced Generative AI Solution Developer with 2+ years of expertise in designing and implementing scalable AI solutions using Python, LLMs, and cloud technologies. Proven track record in developing custom multi-agent systems, RAG pipelines, and full-stack applications. Skilled in working with both in-house and hosted LLM solutions, with extensive experience in Azure OpenAI, AWS Bedrock, OpenAI API, and enterprise AI frameworks. Microsoft Certified DevOps Expert and Salesforce Certified professional with strong leadership experience and a passion for innovative AI-driven solutions.

Technical Skills

Programming Languages: C, Python, C++, JavaScript, HTML, Java, CSS, C#, Bash, PowerShell, Visual Basic, DAX, Power Query

GenAI Frameworks & Packages: LangChain, Hugging Face, OpenAI API, Azure OpenAI, Transformers, LlamaIndex, Milvus, ChromaDB, FAISS, Prompt Engineering, RAG Pipelines

Frameworks & Libraries: React, Three.js, Next.js, ASP.NET, Flask, LangChain, Hugging Face

Cloud & AI: Azure ML, AWS Bedrock, Docker, Azure DevOps, CI/CD, Containers

Databases: MySQL, MariaDB, MongoDB, Oracle, SQLite, Milvus, Vector Stores

Tools: Git, Azure, Power BI, Power Apps, Power Automate, Blender, AWS

Professional Experience

Senior Software Engineer

Interra Information Technologies (India) Pvt. Ltd.

Kolkata, IN January 2023 –

Present

- Developed modular Generative AI framework using Python, LLMs, and Milvus vector database for processing structured and unstructured data with hybrid RAG pipelines
- Built custom multi-agent bot system from scratch with real-time coordination, shared context management, and dynamic routing capabilities; also experienced with AutoGen framework
- Implemented solutions using both in-house LLM deployments and hosted services including Azure OpenAI, AWS Bedrock, and Hugging Face endpoints
- Created reusable ETL transformation framework with dynamic logic application, validation, and performance optimizations
- Designed and deployed scalable AI solutions on AWS and Azure, improving data insights across diverse data types
- Experience with Microsoft Copilot integration and Salesforce Agentforce Specialist workflows
- Developed Power BI analytics dashboards for management and clients, improving reporting efficiency by 25%
- Implemented Azure DevOps CI/CD pipelines for streamlined deployment and testing
- Developed full-stack web applications with React and Angular

Software Development Intern

Steel Authority of IN Limited (SAIL)

Remote, April 2022 –

September 2022

- Designed enterprise IT application using Oracle, .NET, and Flutter for Reverse Mentoring Model
- Improved mentor-mentee matching efficiency by 40% through intelligent algorithms
- Delivered high-quality application through systematic testing and debugging

Education

Government College of Engineering And Ceramic Technology

Kolkata, IN 2019 – 2023

B.Tech (Honours) in Computer Science Engineering

- CGPA: 9.57/10.0 (Distinction)

Army Public School Sukna

Darjeeling, IN 2018

Higher Secondary Certificate (XII)

- Percentage: 81.8%

Leadership Experience

Microsoft Learn Student Ambassador

Kolkata, IN August 2021 –

Gold Level

July 2023

- Led technical workshops on Azure cloud services and AI development
- Collaborated with global tech community to promote skill development

Founding President

Kolkata, IN August 2021 –

Bytemonk

August 2022

- Founded college's first Technology Club, establishing mentorship programs
- Organized technical workshops fostering peer learning

Certifications

- **Microsoft Certified: DevOps Engineer Expert** [↗](#)
- **Microsoft Certified: Power BI Data Analyst Associate** [↗](#)
- **Microsoft Certified: Azure AI Engineer Associate** [↗](#)
- **Microsoft Certified: Azure Developer Associate** [↗](#)
- **Microsoft Certified: Fabric Analytics Engineer Associate** [↗](#)
- **Salesforce Certified: Agentforce Specialist** [↗](#)
- **Foundation of Cloud IoT Edge Machine Learning** [↗](#)

Awards & Recognition

- **"Star Rookie of the Year 2024"** - InterralT for exceptional AI project contributions
- **"Promising Junior Award Q4 2023"** - InterralT for technical leadership