Ankit Rijal

SOFTWARE ENGINEER | FULL STACK & CLOUD DEVELOPMENT | OPEN TO RELOCATION
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SUMMARY

Full-stack software engineer with 2.5+ years of experience building scalable, cloud-ready applications and RESTful APIs. Skilled in C#, .NET, Python, React.js, SQL, and AWS, with a proven track record in CI/CD automation, cloud deployment, and backend optimization. Experienced in integrating AI-powered features and LLM-based applications to deliver modern, intelligent software solutions.

EDUCATION

University of the Cumberlands   **Williamsburg, KY**
Master of Science (M.S.), Artificial Intelligence   *Aug 2025*

East Central University   **Ada, OK**
Bachelor of Science (B.S.), Computer Science   *May 2021*

PROFESSIONAL EXPERIENCE

The Reynolds and Reynolds Company   **College Station, TX**
Software Developer   *Jan 2022 – Jul 2024*

- Developed and maintained full-stack KeyTrak applications (desktop, web, mobile) using C#/.NET, React.js and Electron.js, delivering cross-platform functionality to 5,000+ enterprise customers.
- Designed 30+ RESTful APIs in C# using ASP.NET framework and SOLID principles, improving performance and modularity.
- Migrated legacy Jenkins CI/CD pipelines to GitHub Actions, reducing deployment time by 30%.
- Led version control migration from SVN to Git across Agile team, improving team collaboration and release cycle efficiency.
- Collaborated with QA and Product teams to troubleshoot and resolve critical production issues with clear documentation and timely updates.

PROJECTS

Guide2Smart AI
Python, FastAPI, React.js, Gemini APIs

- Built an adaptive quiz generator that creates MCQs, explanations, and summaries from uploaded study files using LLMs and FastAPI.

Generative AI Chatbot
Python, Flask, LangChain, ChromaDB, Hugging Face

- Developed a RAG-based chatbot with voice/text input, persistent memory, and dynamic LLM responses using LangChain and ChromaDB.

MLOps Pipeline
DVC, MLflow, Jenkins, Docker, AWS EC2, Prometheus, Grafana, Apache Airflow, Evidently AI

- Implemented a full MLOps workflow with model versioning, CI/CD, deployment, and monitoring using DVC, MLflow, and Prometheus.

AI Image Assistant
Python, Streamlit, Google Gemini 1.5 Flash, Streamlit Community Cloud

- Created a vision-language tool for captioning and visual Q&A using Gemini 1.5 Flash, deployed on Streamlit Cloud.

SKILLS

Languages & Frameworks: C#, SQL, Python, JavaScript, TypeScript, ASP.NET Core, Electron.js, FastAPI, Flask, React.js

Database & Cloud: PostgreSQL, Redis, AWS (EC2, S3), GCP

DevOps & CI/CD: GitHub Actions, Jenkins, Docker, Unit Testing, Agile/Scrum

Development Practices: TDD, OOP, SOLID Principles

Additional Tools: LangChain, RAG, Hugging Face, LLM Integration, Amazon Bedrock, GitHub Copilot, Amazon Q Developer

CERTIFICATION

AWS Generative AI for Developers (2025)   **AWS**

Generative AI and LLMs: Architecture and Data Preparation (2025)   **IBM**

Fundamentals of AI Agents using RAG and LangChain (2025)   **IBM**

Production Machine Learning Systems (2025)   **Google Cloud**