

Hiten Samalia

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EDUCATION

PANIPAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

B.TECH IN COMPUTER SCIENCE AND ENGINEERING

Graduated June 2024 | Panipat, Haryana
CGPA: 8.26 / 10.0

BAL BHARATI PUBLIC SCHOOL

October 2020 | Pitampura, Delhi

SOCIALS

GitHub: hicensam

LeetCode: hicensam

Medium: hicensam

LinkedIn: Hiten Samalia

Microsoft Learn Profile

Google Cloud Profile

SKILLS

PROGRAMMING

• Python • Java • .NET (C#)

FRAMEWORKS & LIBRARIES

• FastAPI • Django
• SQLAlchemy • LangGraph

DEVOPS & TOOLS

• Git • GitHub Actions
• Docker • Bicep • Linux

CLOUD (AZURE)

• Function Apps
• Container Apps
• Web Apps • Virtual Network

CERTIFICATIONS

• Microsoft: Azure Fundamentals (2025)
• NPTEL: Python for Data Science
• NPTEL: Design Thinking – A Primer
• Coding Ninjas: Data Structures in Java
• Coding Ninjas: Introduction to Java

HOBBIES

• Building electronic gadgets • Table Tennis

SUMMARY

Backend developer with 2+ years of experience building cloud-native systems on Azure, working across .NET ecosystems and Python. Experienced in ETL pipelines, microservices, and CI/CD automation, with growing focus on Python-based backend and AI systems (RAG, LangGraph). Seeking Python backend opportunities.

EXPERIENCE

ZVERSAL PRIVATE LIMITED | .NET / PYTHON | INTERNSHIP + FULL TIME

Jan 2024 -- May 2026 | Mohali, Punjab

- Collaborated with a US-based client (QUODD) to design, develop, and maintain Azure-based microservices with a strong focus on backend architecture, performance, scalability, and ETL workflows.
- Contributed to the QuoddFunds platform, working extensively on ETL pipelines for mutual fund data ingestion, transformation, validation, and delivery – ensuring data consistency, reliability, and timely availability across downstream systems.
- Built CI/CD pipelines with GitHub Actions, achieving a 70% reduction in deployment time, zero-downtime rollouts, faster developer feedback cycles, and improved deployment reliability.
- Designed and implemented a Disaster Recovery (DR) pipeline on Azure, enabling automated multi-region failover and reducing recovery time with minimal manual intervention.

CODING NINJAS | TEACHING ASSISTANT -- JAVA & DSA

Aug 2023 -- Nov 2023 | Remote

- Assisted students in debugging and optimizing Java code and understanding core programming concepts.
- Provided mentorship on Data Structures, Algorithms, and Object-Oriented Programming.
- Successfully resolved 300+ doubts while maintaining a 4.68/5 student satisfaction rating.

PROJECTS

INVENTORY MANAGEMENT SYSTEM | WEB APP

Python • FastAPI • SQLAlchemy • Azure Static Web Apps

□ Live Demo (FastAPI) | □ Legacy Demo (Django)

- Developed a full-stack web application for monitoring sales and inventory operations, improving inventory control efficiency by 35% through optimized tracking and reporting.
- Migrated the backend from Django MVC to a FastAPI microservices architecture deployed on Azure Static Web Apps, with SQLAlchemy and MCP integration.
- Collaborated with stakeholders to gather requirements and implement iterative enhancements.

AI-POWERED WHATSAPP RAG CHATBOT | BACKEND SYSTEM

(In Progress)

Python • FastAPI • LangGraph • Pinecone • Jina AI • Cerebras

- Engineered a production-grade, multi-tenant RAG chatbot delivering real-time product recommendations through semantic vector search over a structured retail knowledge base.
- Architected a dynamic LangGraph agent with subscription-tier-based tool access, ensuring clients interact only with capabilities scoped to their plan – eliminating unauthorized tool hallucination.