Hiten Samalia

hitensam78@gmail.com | (+91) 9868523515

EDUCATION

PANIPAT INSTITUTE OF ENGINEERING & TECHNOLOGY
B.Tech in Computer Science and Engineering
Grad. June 2024 | Panipat, Haryana
CGPA: 8.26 / 10.0

BAL BHARATI PUBLIC SCHOOL
Grad. October 2020 | Pitampura, Delhi

SOCIALS

hitensam
hitensam
hitensam
Hiten Samalia
Azure
Google Cloud

SKILLS

PROGRAMMING
• Python • Java • C#
FRAMEWORKS & TOOLS
• Git/GitHub • GitHub Actions • Bicep • Docker
• Azure • Linux
CLOUD TECHNOLOGIES
• Azure Function Apps • Azure Container Apps
• Azure Active Directory • Azure Web Apps
• Azure Virtual Network

HOBBIES

• Building electronic gadgets • Table Tennis

CERTIFICATIONS

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

PARTICIPATIONS

HACKTOBERFEST 2022 | Open Source Contribution

- Contributed to Google Developer Student Club (UIET KUK) GitHub's repository (Crack-O-Code)
- All 4 pull/merge requests were accepted.

ELECTROTHON 5.0 | Offline Hackathon at NIT Hamirpur

- Led a team of 4 members.
- Successfully managed project planning, delegation, and execution.
- We won the "Most Creative Use of GitHub" challenge from MLH.

SUMMARY

Results-driven software developer with hands-on experience building cloud-native microservices using Azure. Skilled in designing scalable systems, automating CI/CD pipelines, and collaborating with cross-functional teams. Passionate about solving real-world problems through code and currently seeking impactful full-time software engineering opportunities.

EXPERIENCE

ZVERSAL PRIVATE LIMITED | Full Stack Developer | Internship + Full Time
Jan 2024 – Present | Mohali, Punjab

- Collaborated with a US-based client to develop and maintain **Azure-based microservices** using the **.NET technology stack**, focusing on feature development and system optimization.
- Actively participated in client meetings to discuss ongoing technical challenges, gather evolving business requirements, and provide strategic input on architecture decisions—ensuring alignment between technical implementation and business goals.
- Led the modernization of legacy monolithic applications by rearchitecting them into cloud-native, containerized microservices, resulting in enhanced system modularity, easier maintainability, and improved scalability.
- Designed, developed, and deployed two key microservices that automated critical data processing workflows. Leveraged asynchronous and event-driven patterns to significantly enhance system throughput and responsiveness.
- Utilized core Azure services including Azure Function Apps, Container Apps, and Azure Active Directory (AAD), implementing fine-grained Role-Based Access Control (RBAC) to enforce secure, identity-aware access across the platform.
- Engineered complete CI/CD pipelines from scratch using GitHub Actions and deployment scripts, fully automating the build and release process. This transition from manual deployments to automated pipelines resulted in:
  - Significant reduction in deployment time.
  - Near-zero downtime during rollouts.
  - Faster developer feedback cycles.

CODING NINJAS | Teaching Assistant
Aug 2023 – Nov 2023 | Remote

- Assisted students with Java programming, debugging, fixing code, and explaining complex concepts.
- Provided one-on-one mentorship, helping students understand data structures, algorithms, and OOP principles.
- Successfully resolved 300+ doubts while maintaining a 4.68/5 score, reflecting strong teaching and problem-solving skills.

PROJECTS

INVENTORY MANAGEMENT SYSTEM

- Designed and developed a custom service application and online tracking portal, enabling the client to efficiently track sales and inventory.
- Improved resource utilization and inventory control, resulting in a 35% increase in operational efficiency.
- Initially built using Python's Django framework with an MVC architecture for rapid development and scalability.
- Currently refactoring the backend using FastAPI and SQLAlchemy to implement a clean, modular, and asynchronous API architecture.
- The API is being designed for deployment on Azure Function Apps to leverage serverless computing and simplify infrastructure management.
- A dedicated frontend application will be developed separately to interact with the backend API for improved UX and decoupled development.
- Ongoing development includes adding new features, addressing bugs, and modernizing the tech stack to support future scalability.
- The currently deployed (Django-based) version is available here.

MOTOR PUMP CONTROL (IOT) | One Person Project

- It detects water flow and automatically switches the pump on or off.
- For more information refer: here