

Shyam Sodhatar

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PROFESSIONAL SUMMARY

Backend Software Engineer with experience building secure, scalable RESTful APIs and cloud services for Industrial IoT systems. Strong background in Python (FastAPI) and C# (.NET Framework) with hands-on experience in Microsoft Azure, JWT authentication, real-time data ingestion, and production system support.

TECHNICAL SKILLS

Languages: Python, C#, Java

Frameworks: FastAPI, Django, .NET Framework

Databases: PostgreSQL, SQL Server, Redis, Azure Table Storage

Cloud & DevOps: Microsoft Azure (API Apps, WebJobs, Functions), Azure DevOps

Security: JWT, RBAC, Password Policies

Architecture & Tools: MVC, Repository Design Pattern, SOLID Principal, Docker, Git, GitHub

PROFESSIONAL EXPERIENCE

Software Engineer – Backend

Feb 2025 – Present

WZero Infotech (Industrial IoT)

- Developed and maintained **.NET REST APIs** for an Industrial IoT platform processing real-time CNC and manufacturing machine data.
- Built **C# background services** to ingest and persist high-frequency telemetry into **Azure Table Storage**, enabling real-time analytics and reporting.
- Implemented **JWT-based authentication, RBAC, and strong password policies**, improving overall application security by **60%**.
- Designed and deployed **Azure WebJobs** to automate password-expiry enforcement and deliver email/SMS alerts to **100+ users**.
- Integrated **Microsoft SSO** and deployed backend services using **Azure DevOps**, improving authentication reliability and reducing support requests.

Web Developer Intern

Jul 2024 – Oct 2024

Zidio Development (Remote)

- Contributed to backend API workflows and authentication logic for a Job Portal application.
- Improved application stability by assisting in bug fixes and backend issue resolution.

PROJECTS

Real-Time Chat Application — Python, Django, WebSockets

- Developed a real-time messaging system with authentication, chat rooms, and persistent message storage.

Job Portal Application

- Designed job posting and search workflows with backend interaction and role-based access control.

EDUCATION

B.Voc in Information Technology

2023 – 2026

RK University

SGPA: 9.27 / 10

Higher Secondary Certificate (HSC)

2023

S.M.V. School, Dwarka

Percentile Rank: 87.87

ACHIEVEMENTS

- Intern of the Month – Code Clause
- Internship Completion Certificates – Code Clause, Zidio Development