

Naureen Syed

naureensyed@gmail.com | +91 7725064033 | [linkedin.com/naureen-syed-574a33212](https://www.linkedin.com/in/naureen-syed-574a33212) | Portfolio | github.com/naureensyed18

PROFESSIONAL SUMMARY

Software Engineer with a strong foundation in backend development and Python. Proven experience designing and building scalable REST APIs, integrating relational and NoSQL databases, and deploying cloud-native applications using Flask, Docker, and AWS. Adept at writing clean, maintainable code, implementing secure authentication, and working in Agile, collaborative teams. Passionate about system design, performance optimization, and delivering reliable software at scale.

Education

Medi-Caps University

Aug 2019 – May 2023

Bachelor of Technology in Computer Science and Engineering

- CGPA: 8.4

- **Coursework:** System Design, DBMS, Operating Systems, Data Structures and Algorithms, Networks

Work Experience

Software Engineer, Tata Consultancy Services, Bangalore

Oct 2023 – Present

- Refactored back-end modules for concurrency and async performance, improving system throughput by 60%.
- Collaborated in Agile teams using Jira, GitHub, and CI/CD pipelines to deliver 2+ production features per sprint.
- Improved integration latency by 35% by optimizing API communication and caching.

Frontend Developer Intern, OneHash, Indore

Dec 2021 – Mar 2022

- Developed and maintained UI components in ReactJS for a SaaS CRM platform, improving customer engagement workflows.
- Built reusable UI components and contributed to the internal design system, reducing development time by 25%.
- Collaborated closely with the back-end team to ensure seamless API integration and boost cross-functional team efficiency.

Projects

JiraLite- Issue Tracking System

Current

- Built a production-grade task management platform supporting role-based access control, JWT authentication, and real-time updates; deployed on GCP App Engine and Netlify with CI/CD pipelines, logging, and API rate limiting.
- Tools Used: Flask, PostgreSQL, ReactJS, JWT, Docker, GCP

BookVault - E-Book Management System

[Link](#)

- Engineered a comprehensive web application to optimize digital library functions by building REST APIs for book uploads, categorization, and smart search, containerized and tested endpoints.
- Tools Used: ReactJS, Python, Flask, SQLAlchemy(PostgreSQL)

Hate Speech Detection System

[Link](#)

- Developed a Flask-based REST API that classifies text into hate or non-hate using Logistic Regression (scikit-learn) with 85%+ accuracy.
- Tools Used: Python, NLP

Skills

Languages: C, C++, JavaScript, Python, SQL, HTML, CSS

Frameworks/Libraries: Flask, ReactJS, WTForms, SQLAlchemy, Node.js (basic)

Databases: PostgreSQL, MySQL, MongoDB, SQLite

Tools & Platforms: Git, GitHub, Docker, Postman, GitHub Actions, Linux, VS Code, pytest, unittest

Cloud & DevOps: Google Cloud Platform (GCP), Docker Compose, CI/CD, App Engine

Concepts: REST APIs, System Design, JWT Authentication, OAuth2, Multithreading, Microservices, Agile Development, Monitoring & Logging

Soft Skills: Communication, Ownership, Mentorship, Adaptability, Problem-solving

Achievements and Others

Certifications: Python (Coursera), C (Coursera), DSA(Udemy), Web Development(Udemy)

Hackathon Finalist –Microsoft Chhalaang 2.0: Built multiplayer geolocation game with real-time WebSocket chat. Solved **100+** problems on LeetCode.

Languages: English (Fluent, **IELTS score- 7**), Hindi (Fluent), German (Beginner)