Vaibhav Yadav

Noida, Uttar Pradesh, India   ✉ 21vaibhav11@gmail.com   in vaibhavyadav4397351b9   ⧉ vaibhavyadav-dev

EDUCATION

B.Tech, Madan Mohan Malaviya University of Technology ⧉   2021 – 2025 | Gorakhpur, India
Stream: **Information Technology and Computer Application** (CGPA **7.48**)

EXPERIENCE

Software Engineer, **QSS Technosoft, Noida** ⧉   Dec 2024 – Present
- Collaborated with a team to develop and optimize server-side applications using **Express.js**, **Golang** and **Python**.
- Participated in code reviews and debugging sessions, contributing to a 25% reduction in system errors.

Full Stack and Cloud Intern, BAAVALIBUCH ⧉   Oct 2023 – April 2024
- Improved Telemedicine platform, enhancing virtual consultations, appointments, and health records management.
- Automated **website creation** and domain management using Nginx, Docker, Node.js, MongoDB, Python, JavaScript, Twilio, and GitHub Actions (CI/CD).
- Successfully integrated **ABDM Gateway**, enabling a secure and standardized health data exchange for users.

Backend Developer Intern, XIVTECH.IO ⧉   July 2023 – Sept 2023
- Architected real-time communication system using Socket.io, and implemented Postgres and Elasticsearch (ELK)**.**
- Engineered backend APIs for **OpenSea/Rarible NFTs**, processing 1,000+ requests daily.
- Leveraged **AWS services (ECR, ECS, S3)** to enhance deployment efficiency by **20%.**

SKILLS

Languages: C/C++ (Expert), JavaScript (Expert), Python (Expert), Golang (proficient in microservices and high-performance APIs).
Frameworks: Express.js, Gin, and Django.
Others: Linux, MongoDB, PostgreSQL, Node.js, Docker, Git, Kafka, AWS, GitHub Actions, Data Structure and Algorithms.

PROJECTS

Bharat Seva+ (Plus) - Health management web service ⧉
- **Engineered a scalable, secure microservice backend** for Bharat Seva+ using **Golang, Express.js, and Python** with **RabbitMQ**, **Redis**, **PostgreSQL**, and **MongoDB** for optimized data management and performance.
- Automated CI/CD with **GitHub Actions**, deploying via **Docker** and **Nginx** for seamless service routing, and monitored system health with **Prometheus** and **Grafana**, ensuring high **availability** and **resilience**.
- Supports **concurrent** management of **7,000+ healthcare records** with sub-second query response time.

Distributed File Storage - *Replicate files across multiple nodes* ⧉
- **Scalable**, **decentralized** file storage system in Golang, featuring **content addressing**, large **file streaming**, **multi-node replication, concurrency, and security**, while enhancing **reliability** for distributed applications in **high-latency** environments.

ACHIEVEMENTS

- Won **NorCalHacks Hackathon 2023** by developing Bharat Seva+ ⧉

CODING PROFILES

- Ranked in top 15% globally with 500+ problems @LeetCode ⧉
- Max 1428 Rating @CodeChef ⧉
- Max 948 Rating @Codeforces ⧉