AYuSH KumaR

Full Stack Developer

ayushdincre99@gmail.com | +917549101768 | Linkedin

PROFESSIONAL EXPERIENCE

Payatu Security Consulting   Pune, India

Full Stack Developer   June 2023 - Present

- Technology Used - **Python, Django Rest, Flask, Next.Js, ReactJs,Vue, Docker, GitLab, AWS**
- **Developed** an **SBOM monitoring** service using celery for sync jobs and scheduled tasks, including a dashboard for monitoring and user feedback.
- **Reengineered** database structures, **boosting** query **performance by 50%** and ensuring data accuracy, which resulted in a **25% decrease** in operational inefficiencies and delayed reports.
- **Automated** backend processes with Python and shell scripts, **reducing manual workload by 50%** and **cutting processing time** by **60%.**
- **Implemented** robust **authentication** and **authorization** mechanisms to **secure APIs**, adhering to subscription documentation and structural guidelines.
- **Improved** API response time by **optimizing** queries and implementing **Pagination** and **Caching**.
- **Revamped** UI for **Better UI Representation**, **Reduced Loading Time**, **Enhanced Readibility**.
- Supported other teams across vertical for building some feature in their application.

INTERNSHIP EXPERIENCE

Payatu Security Consulting   Jan 2023 – May 2023

- Implemented complex scanning functionality for BLE, Zigbee, and cloud-based devices.
- Enhanced application performance through code splitting, lazy loading and server-side rendering.
- Crafted reusable React components for **consistency** and maintainability.

Simnovus Technologies   Sep 2022 – Dec 2022

- **Developed** and maintained the user interface for a **cutting-edge UE simulator** using Angular, enabling **5G** and **4G** network simulations.
- Implemented real-time **network monitoring** for immediate insights, using D3.js and websockets.
- Created **statistical analysis** tools for comprehensive data evaluation.
- Developed interactive data visualizations to **enhance** user experience.

Ekal Shiksha   June 2022- Aug 2022

- Engineered and deployed a **scalable** e-learning application using React.js for the frontend, Node.js and Express.js for the backend.
- Added interactive features such as **course enrollment**, **progress tracking,** and online assessments to enhance **user experience** and promote effective learning.

EDUCATION

Dayananda Sagar University   Bangalore, India

Bachelor of Technology, Computer Science and Engineering. CGPA: *7.62*   Aug 2019- July 2023

SKILLS

Programming Languages: Python, JavaScript, TypeScript, Java, C++
Frameworks: Django, Django Rest, Node, Spring Boot, Next, React, Angular, Vue
Databases: PostgreSQL, MongoDB
Dockerization and Tools: Docker, CI/CD, GitHub actions, JBoss

ACHIEVEMENTS

- Best Web Design and Development – **DSU Alumini Council**

CERTIFICATIONS

- OCI Generative AI Certified Professional - **Oracle**
- Python Certification - **HackerRank**