AYUSH KUMAR

Targeting assignments in **Full-Stack Software Development** with a reputed organization.

CONTACT

✉ ayushkumarsde@gmail.com

📞 +91 7549101768

in https://www.linkedin.com/in/ayush-kumar-b35155191/

git https://github.com/ayushtejas

🌐 https://www.ayushkumar.site

TECHNICAL 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

CORE COMPETENCIES

- Software Development
- Delivery Management
- Automation
- Solution Designing & Consulting
- Requirement Gathering & Gap Analysis
- Production Support
- Application Designing & Coding
- Team Management

EDUCATION

- **Bachelor of Technology, Computer Science and Engineering** from Dayananda Sagar University in 2023; secured CGPA: 7.62

CERTIFICATIONS

- Certified Data Structures - Advanced - https://cutshort.io/certificate/110458
- Certified Django - Advanced - https://cutshort.io/certificate/110455
- Certified React.js - https://cutshort.io/certificate/110905
- OCI Generative AI Certified Professional - Oracle

PROFILE SUMMARY

- Accomplished Professional with **over 2 years** of success in **Full-Stack Software Development, Project Management and Application Support.**
- Insightful exposure in all the phases of **Software Development Life Cycle (SDLC)** entailing requirement analysis, design, development, implementation, delivery and troubleshooting.
- Skilled in providing effective resolution to **customer queries** related to production support and improving relationships with the customer by anticipating customer future requirements, thereby ensuring a positive customer experience.
- Exhibited excellence in enhancement and maintenance of **applications using Python, Django Rest, Flask, Next.JS, ReactJS, Vue, Docker, GitLab and AWS.**
- Impeccable career in **project management activities** with insightful knowledge of analysis, design, development, testing, configuration management, application support.
- Analyst, with a flair for **adapting quickly to dynamic business environments and adopting pragmatic approach** in improvising on solutions & resolving complex issues.

NOTABLE ACCOMPLISHMENTS ACROSS THE CAREER

- Designed and deployed an SBOM monitoring service utilizing Celery for synchronous tasks and scheduled jobs, featuring a dashboard for real-time monitoring and user feedback.
- Optimized database structures, enhancing **query performance** by **50%** and improving data accuracy, leading to a **25% reduction** in operational inefficiencies and reporting delays.
- Automated backend workflows using Python and shell scripts, **reducing manual effort** by **50%** and **cutting processing time** by **60%**.
- **Strengthened API security** by implementing **robust authentication** and **authorization mechanisms**, ensuring compliance with subscription documentation and structural standards.
- **Enhanced API performance** by **optimizing queries**, **implementing pagination**, and leveraging caching techniques.
- Redesigned the **UI and improved application** performance by implementing lazy loading**, infinite scrolling, code splitting, and memorization techniques**, reducing load times by **40%.**
- Recognized for **Best Web Design and Development by DSU Alumini Council.**

WORK EXPERIENCE

Jun'23 – Present: Payatu Security Consulting | Full Stack Developer
Role:
- Interacting with the client's Business and IT teams to gather, define, clarify and refine requirements; guiding the architecture and design of applications
- Mapping client's requirements and providing them best solutions involving evaluation & definition of scope of project & finalization of project requirements
- Ensuring timely completion & delivery of project to the client and extending production support of multiple applications
- Contributing in defining service standards and guidelines as per global best-practices, best practices for software delivery life cycle (SDLC) and documentation that serve as benchmarks for excellent service delivery

INTERNSHIP EXPERIENCE

- Python Certification - HackerRank

Jan'22 – May'23: Payatu Security Consulting

- Developed advanced scanning capabilities for BLE, Zigbee, and cloud-connected devices.
- Designed reusable React components to ensure consistency and maintainability.
- Evaluated, designed, coded and tested improvement as required for complex modules by implementing code splitting, lazy loading, and server-side rendering.

Sep'21 – Dec'21: Simnovus Technologies

- Designed and maintained the UI for a state-of-the-art UE simulator in Angular, supporting 5G and 4G network simulations with real-time monitoring using D3.js and WebSockets.
- Developed interactive data visualizations and statistical analysis tools to enhance user experience and facilitate comprehensive data evaluation.

Jun'21- Aug'21: Ekal Shiksha

- Developed and deployed a scalable e-learning platform with React.js, Node.js, and Express.js.
- Integrated interactive features like course enrollment, progress tracking, and online assessments for an enhanced learning experience.