Aashay Kaurav

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Github | LinkedIn | Leetcode | GeeksforGeeks

Programming Skills

Languages: C/C++, Java, JavaScript, SQL, TypeScript
Databases: MySQL, PostgreSQL, MongoDB
Frameworks & Technologies: Spring Boot, React, Redux Toolkit, REST API, Microservices
Developer Tools: Git, Docker, CI/CD, AWS, VS Code, IntelliJ, Agile

Education

Birla Institute of Technology and Science — Pilani, India
Master of Science in Computer Science; GPA: 8.78 — *Aug. 2022 – Jul. 2024*

Technocrats Institute of Technology — Bhopal, India
Bachelor of Engineering in Computer Science; GPA: 8.43 — *Aug. 2017 – Jul. 2021*

Experience

Aurigo Software Technologies — Bangalore, India
Associate Software Engineer — *Aug. 2024 – Present*

- **Workflow as a Service**: Developed workflow as a service (WaaS) microservice that can enable users to design and manage custom workflows within the platform, allowing organizations to standardize and streamline review and approval processes.
- **Essentials**: Developed comprehensive unit test suites using Test-Driven Development for Aurigo Essentials, catching 95% of potential bugs and reducing post-release defects by 20%, leading to improved software stability.
- **Masterworks**: Optimized UI performance by 40% for Aurigo Masterworks, collaborating with the modernization team to enhance scalability and efficiency.

Aurigo Software Technologies — Bangalore, India
Developer Intern — *Feb. 2024 – Jul. 2024*

- **Document Viewer Microservice**: Implemented a robust microservice integrating the Syncfusion library for document viewing capabilities. Designed efficient document handling for files up to 700MB, supporting multiple formats (DOCX, XLSX, PDF) while maintaining robust performance.
- **Utility storybook package**: Developed a centralized Aurigo-utils library featuring 20+ modular utility components using Webpack, streamlining code reuse across projects and reducing redundant code by 40%.

Projects

- **E-Commerce Web Application**:
  - Developed a full-stack e-commerce application using **Spring Boot (backend)** and **React (frontend)**.
  - Implemented secure authentication and authorization with **Spring Security + JWT**.
  - Integrated **PostgreSQL/MySQL** via Spring Data JPA for efficient data persistence.
  - Built and consumed RESTful APIs for seamless frontend-backend communication.
  - Deployed the application on **AWS**, gaining hands-on experience with cloud deployment and scalability.

Achievements

- **GATE 2022** — Link
  Achieved top 3% ranking nationwide, demonstrating strong problem solving, algorithmic and system design skills.

- **Aurigo AI Hackathon** — Link
  Integrated AI features into a production-grade application, leveraging **AWS services** for deployment and scalability.