

Akash Jaiswal

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Experience

Software Engineer, Cognizant – Kolkata, India

Sep 2023– Present

- Developed and maintained RESTful APIs using Java and Spring Boot to facilitate seamless interaction with the frontend.
- Managed and optimized SQL databases to ensure efficient data storage and retrieval, supporting application functionality.
- Worked closely with frontend developers to align API functionalities with user interface requirements, resulting in a 40% reduction in integration issues.
- Utilized JUnit for comprehensive unit testing, achieving 95% test coverage to ensure code reliability and functionality.

Java Full Stack Engineer, Intern, Cognizant – Kolkata, India

March 2023 – July 2023

- Developed and maintained a Full Stack Web Application from scratch using Spring Boot, Hibernate and ReactJS.
- Created and optimized REST APIs using Spring REST and implemented frontend features and functionality with ReactJS.
- Conducted unit testing with JUnit and Mockito, achieving 95% test coverage.

Education

Academy of Technology, B.Tech in Electronics and Communications

Aug 2019 – July 2023

- GPA: 9.31/10.0
- **Coursework:** Data Structures and Algorithms, Database Management Systems, Operating Systems and Computer Networks

Skills Summary

- **Languages** : Java, Python, Javascript, SQL
- **Frameworks** : Spring Boot, React, Hibernate, Spring REST, Express, Bootstrap
- **Tools** : MySQL, Git and Github, SQLite, Postman
- **Platforms** : VS Code, Jupyter Notebook, Eclipse, Spring Tool Suite
- **Other Skills** : HTML, CSS, Numpy, Pandas, Matplotlib

Projects

Movix : A Movie Review System

Frontend | Backend

- Developed a Full Stack Web Application for users to review and rate movies, including both admin and user registration and login features.
- Built the back-end with Spring Boot, leveraging JPA for database interactions and implementing cascading and hibernation for data integrity and performance.
- Utilized React for the front-end, implementing React hooks and Context API for efficient state management and dynamic UI updates.
- Tools Used: Spring Boot, React, Context API, MySQL, Spring REST

Achievements

- **5 star** in Java, Python and SQL in **HackerRank**
- Solved 550+ problems on **Leetcode**
- Solved 400+ problems on **GeeksForGeeks**
- Secured **839th Rank** in CodeVita Season 10, 2022