

Saurabh Chaudhary

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TECHNICAL SKILLS

Technologies: Java,SQL, JavaScript, HTML/CSS

Frameworks:Node.Js, Spring Boot, Spring Cloud, React.Js

Developer Tools: Git, AWS, VS Code, Visual Studio, IntelliJ, Eclipse

EXPERIENCE

Associate Engineer(Java Backend Developer)

Sept. 2023 – Present

Larsen And Toubro Technology Services

Mysore, Karnataka

- Spearheaded the development of **end-to-end solutions** using **Java, Spring Boot, MicroServices, SQL** and related technologies, enhancing system efficiency by 40% with a focus on **backend architecture**.
- Architected and **deployed highly scalable backend services**, effectively managing a 50% increase in demand and **optimizing business logic and data processing operations**.
- Enhanced infrastructure security by **implementing an advanced authentication layer** and developing **robust features for bug identification** and **graceful service failure handling**, resulting in a 60% reduction in unauthorized access and a 35% improvement in system reliability.

Web Developer Intern

Jan. 2023 – Apr. 2023

Binrootlab

Bangalore, Karnataka

- Collaborated with team members to design and implement interactive, responsive online applications, enhancing project completion efficiency by 25%.
- Gained extensive practical experience in frontend technologies such as HTML, CSS, and JavaScript, boosting user interface development quality by 30%.

PROJECTS

Service Management System | *Java, Spring Boot, MySQL, AWS, MicroServices*

May 2024 – June 2024

- Engineered a **robust service management system using Spring Boot and MS SQL**, with integrated **Spring Logger** for precise application monitoring, achieving a 30% efficiency improvement in service tracking.
- Developed **CRUD operations** to optimize communication across system components via **REST APIs**, reducing data retrieval times by 25%.
- Designed and **executed complex backend queries** to offload computations from the frontend, enhancing overall system performance by 40%.

Employee Management System | *Java, Spring Boot, MySQL Workbench, AWS*

Dec. 2023 – Mar. 2024

- Led the **development of a scalable Employee Management System using Java, Spring Boot, and MySQL**, improving employee data management efficiency by 35%.
- Designed and **Generated RESTful APIs**, enhancing system communication and performance by 30%.
- Implemented comprehensive **JUnit testing**, increasing system reliability by 25%, and leveraged **AWS services** for optimized deployment, **ensuring high availability and scalability**.

EDUCATION

KIET Group Of Institutions

Ghaziabad, Uttar Pradesh

Bachelor of Technology in Computer Science and Information Technology (CGPA:- 7.36)

Aug. 2019 – June 2023

CERTIFICATION

- **Web Development(Front-end And Back-end)** — Devsnest
- **Java Programming: Solving Problems with Software** — Duke University — Coursera

ACHIEVEMENTS

- **OctaHacks 3.0 winner(Hackathon)**— First place
- **HopHacks Fall 2020 winner(Hackathon)**— Second Place Overall
- **Sigma Hacks 2.0 winner(Hackathon)**— Best Overall