

Sujit Mali



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LinkedIn

GitHub

Internship Experience

R3 Systems India Private Limited

Feb 2024 – March 2024

Nashik, Maharashtra

Java Developer Intern

- Trained in Java development with a focus on Core Java and the Spring Framework, completing **3+ intensive modules** within the program.
- Collaborated with a team of 4 to develop a service provider hiring application using the Spring Framework, delivering the MVP in **under 4 weeks**.
- Gained hands-on experience with the MVC design pattern, Spring MVC, and Hibernate ORM, optimizing database interactions to improve performance by **30%**.

Projects

QuickHire | Core Java, Spring Boot, Hibernate, J2EE, Microservices, Docker, AWS, REST API, HTML, CSS, JavaScript.

- Developed a cloud-based platform using microservices architecture, enabling local service providers to list services and residents to hire providers seamlessly, resulting in a **30% increase in user engagement** during beta testing.
- Implemented backend using Spring Boot and Hibernate with a REST API to facilitate communication between microservices, handling **over 1,000 requests per minute** during peak usage.
- Deployed application on AWS using Docker containers for scalable and flexible deployment. Integrated AWS services like EC2 and S3 for hosting and storage, reducing hosting costs by **20% compared to traditional servers**.
- Optimized frontend using HTML5, CSS, and Bootstrap, ensuring **95% mobile responsiveness** and a user-friendly interface.

CarRental | Core Java, Spring Boot, J2EE, Microservices, Docker, MySQL, REST API, HTML, CSS, JavaScript.

- Designed and developed a scalable vehicle rental platform using MVC pattern, allowing local residents to rent unused vehicles and tourists to book affordable vehicles, processing **500+ bookings weekly**.
- Built a RESTful API with Spring Boot and integrated it with MySQL for seamless data management, ensuring a **40% reduction in data retrieval times**.
- Deployed platform on AWS EC2 and used S3 for efficient media storage, reducing media storage costs by **15%**.
- Improved user experience with a responsive frontend built using HTML, CSS, and JavaScript, achieving an **80% user satisfaction score** based on client feedback.

Skills

Languages: Java, C, Python, SQL, JavaScript.

Databases: MySQL, PostgreSQL, MongoDB.

Technologies: Spring Core, Spring Boot, J2EE, React.js, Spring Data JPA, Hibernate, Microservices, RESTful APIs, HTML5, CSS3, JavaScript, Maven, Gradle, Docker.

Cloud Services: AWS (EC2, S3, Lambda, CloudWatch).

Data Structures & Algorithms: Solved 300+ problems on platforms like LeetCode and CodeChef .

Coursework: Operating Systems, Computer Networks, Database Management Systems, Data Structures and Algorithms.

Education

R. C. Patel Institute of Technology

Aug 2021 - Present

Shirpur, Maharashtra

Bachelor of Technology in Computer Engineering (CGPA: 7.44)

Mauli Junior College of Science

June 2020 - May 2021

HSC (Percentage: 98.20%)

Akola, Maharashtra

Saint Paul's Academy

June 2018 - May 2019

SSC (Percentage: 88.60%)

Akot, Maharashtra

Certifications

Fundamentals of Java Programming : Coursera

Mar 2022 - Aug 2022

Meta Learning : Coursera

Jan 2023 - Mar 2023

Personality Development Course : Aspire Institute of Human Development

Jun 2021 - July 2021

AWS Cloud Practitioner Essentials : Coursera

Feb 2024 - Aug 2024

Extracurricular Activities

Participated in Detective Dilemma 2023 event (Finalist), Detectives Returns Event in Converges24, CodeCraze Hackathon 2024, Tech Hunt 2022 Hackathon.