

SILLA K

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EDUCATION

Bachelor of Technology, Computer Science and Engineering
National Institute of Technology Calicut (NITC)

Jul 2019 - May 2023
Calicut, Kerala

Relevant Coursework: Software Engineering, Web Programming, Object-Oriented Programming, Data Structures & Algorithms, Database Management System, Principles of Management

SKILLS

Programming Languages	Java, SQL, JavaScript(ES6), HTML5, CSS3
Frameworks & Libraries	Spring Boot, Hibernate/JPA, React.js, JUnit
Databases	MySQL, MongoDB (NoSQL)
Tools & Technologies	Jenkins, Git, IntelliJ IDEA, VS Code, Postman, Jira, Spring Tool Suite (STS)
Additional Skills	Critical Thinking, Problem-solving, Communication, Adaptability

EXPERIENCE

Software Engineer
Magicbricks

Jul 2023 - Apr 2024
Bangalore, Karnataka

- Enhanced lead management efficiency by integrating front-end and back-end technologies (React.js, Spring Boot, Java, and RESTful APIs), gaining exposure to microservice architecture.
- Implemented robust data tracking parameters, facilitating data-driven lead tracking and yielding a quantifiable 25% uplift in targeted business metrics.
- Executed unit testing and debugging strategies with JUnit and Postman, resulting in a 60% reduction in software bugs and improved system reliability.
- Achieved a six-fold increase in lead generation rates by innovating new features, showcasing proficiency in React.js within the home interiors front-end application.
- Collaborated with cross-functional teams (QA engineers, UX and Design team, product managers) to ensure alignment with business requirements, resulting in increased user satisfaction.
- Contributed to the deployment of a CRM application tailored for the home interior sales team, resulting in a remarkable 126% increase in qualified lead generation.
- Worked closely with senior developers during Agile scrum sprints, learning best practices in web development and the software development life cycle (SDLC).

PROJECTS

Product Data Extraction from Images | Machine Learning, Computer Vision, Python

Developed a system for extracting text from images using machine learning, incorporating advanced text detection and recognition techniques, including the STR model and CRNN neural network architecture.

Lost and Found | Web Development, PHP, MySQL

Led the development of a comprehensive web platform using HTML, CSS, JavaScript, PHP, MySQL, and XAMPP, facilitating user authentication, item reporting, and search functionalities for reporting lost and found items.

NITC Events Android Application | UI/UX Design, Flutter, Dart

Collaborated on UI/UX design using Figma and front-end development in Flutter and Dart for an Android app providing real-time updates on NITC events, ensuring an engaging user experience.

Student Trading Hub | Web Development, PHP, MySQL

Collaborated on building a dynamic web application using HTML, CSS, JavaScript, PHP, MySQL, and XAMPP, focusing on creating a user-friendly interface and robust back-end functionalities for peer-to-peer trading of essential items within the college community.

CERTIFICATIONS

[Problem Solving](#) | [Java](#) | [SQL](#)