

# LOKESH LOVEWANSHI

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## OBJECTIVE

Software Engineer with 4 years of experience and expertise in Frontend and Backend development. Passionate about problem-solving, with a diligent work ethic and a proven ability to think creatively and outside the box.

## EDUCATION

Computer Science and Engineering	2016 - 2020
<b>National Institute of Technology, Bhopal.</b>	<i>GPA - 7.52</i>

Intermediate	2013 - 2015
<b>Sarvodya Public School, Talen</b>	<i>Percentage - 85.5%</i>

## SKILLS

<b>Programming languages</b>	Python, C++, JavaScript, HTML, CSS, Typescript
<b>Frameworks</b>	Django, React, React Native
<b>Databases and Cloud</b>	MySQL, DynamoDB, Redis, AWS
<b>Others</b>	Docker, Linux, Data structures and Algorithms, OOPS

## EXPERIENCE

<b>Lead Engineer</b>	Jan 2021 - Present
Samsung R&D Institute, Delhi	<i>Delhi, India</i>

- Designed and developed a React Native mobile app with Expo, featuring secure SSO login, multilingual support, and media upload capabilities for files, images, videos, and audio. The app improved internal efficiency and facilitated seamless access across teams.
- Engineered a comprehensive model metadata portal using React.js, Material-UI, and custom components, featuring Excel-like editing capabilities, SSO integration, and an approval system leveraging the Samsung Knox API.
- Implemented robust testing strategies with 95% frontend E2E test coverage (reducing post-release bugs by 30%) and extensive backend unit tests, ensuring exceptional system reliability and maintainability.
- Designed and deployed secure, scalable FastAPI microservices on EKS with auto-scaling architecture, efficiently processing 800K requests per minute and automating 80% coverage unit tests for Django applications.
- Optimized cloud infrastructure using AWS services (Lambda, EC2, CodeDeploy) for Python-based serverless functions and web hosting solutions, reducing operational costs by 50% while enhancing scalability through efficient CI/CD pipelines with Git Actions.

## PROJECTS

**Hotel Management** Developed a comprehensive hotel management portal using JavaScript, HTML, CSS, and MySQL, facilitating efficient handling of hotel utilities. Leveraged technical skills to develop a user-friendly interface and robust backend system. Contributed to enhancing operational efficiency and customer satisfaction within the hospitality industry.

## EXTRA-CURRICULAR ACTIVITIES

- Cleared Samsung Certified Professional Coding Exam.
- Best Employee Award for outstanding performance.
- Runner-up in Samsung Hackathon