

Sachin Saini

Noida | sainisachin1906@gmail.com | 8448665053 | LinkedIn | Leetcode

Profile

Full-stack Software Engineer with 3 years' experience at Samsung, building scalable web and mobile applications. Skilled in performance optimization, system design, and delivering production-grade software.

Experience

Samsung R&D Institute, Software Engineer June 2022 – Present

- Designed and developed scalable web application using Node.js, React, and MongoDB for field service management, automating employee workflows across **3300+ service centers**. Improved operational efficiency and reduced manual paperwork by streamlining task assignments, reporting, and tracking processes.
- Developed an Android mobile application using Cordova to monitor Samsung employee login frequency, delivering real-time analytics through interactive dashboards and visual graphs. Enabled leadership to identify usage patterns and improve resource planning, **resulting in a 30% increase in operational visibility**
- Optimized backend APIs and implemented caching with Redis, **improving response time by 45%**.
- Implemented MongoDB replica set to enhance **database availability to 99.99%**, ensure fault tolerance and minimize downtime
- Spearheaded the transition to paperless workflows, **saving \$50K annually** and automating repetitive tasks
- Consistently delivered features with **<1% bug rate** post-release in production environments.

The Right Guru, Front-end Developer Intern May 2021 – June 2021

- Designed a React-based live teaching platform with reusable components and real-time video integration, enhancing remote learning experiences
- Refactored and optimized React components and state management, implementing efficient rendering techniques and reducing unnecessary re-renders, which **decreased page load time by 40%**
- Facilitated cross-functional collaboration between front-end and back-end teams to implement a new API gateway, streamlining data exchange, and reducing latency for over **10,000+ active users**

Technical Skills

Languages: C, C++, JavaScript

Frontend: React.js, Vue.js, HTML, CSS

Backend: Node.js, Express.js

Tools and Software: Git, Postman

Database: MongoDB, MySQL, Redis

Achievements

- Achieved a perfect score (100%) in the Samsung Software Competency Test, demonstrating expertise in data structures, algorithms, and software development.
- Led cloud migration of the Inspira application from local servers to Samsung Cloud Platform, reducing infrastructure costs by 15% and improving reliability with minimal downtime

Education

Delhi Technological University
B.Tech. in Mathematics and Computing

2018 – 2022