

# SURYAKOTIKIRAN M S

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## SUMMARY

Senior-level Software and Application Developer with expertise in creating innovative products. Proven commitment to quality assurance and strong work ethic. Proficient in Test-Driven Development and delivering scalable solutions in collaborative environments.

## WORK EXPERIENCE

### Software Engineer - Frontend

Oct-2021 to Present

Accenture Solutions Pvt Ltd. (Bangalore)

- Developed and maintained scalable, high-performance web applications using React.js, TypeScript, Redux, Tailwind, and SCSS, contributing to a 25% improvement in page load times and enhancing user experience.
- Streamlined code management and team collaboration by leveraging Git version control systems, resulting in a 15% reduction in code conflicts and a more efficient development workflow.
- Implemented Test-Driven Development (TDD) across the Software Development Life Cycle (SDLC), leading to a 30% reduction in production bugs and ensuring the delivery of robust, reliable applications.
- Developed and executed comprehensive unit tests with Jest and React Testing Library (RTL), achieving 90% code coverage and reinforcing application reliability and maintainability.

## EDUCATION

### BE in Electronics and Communication Engineering

Aug 2017 - Aug 2021

Bangalore

- 8.01 CGPA

## PROJECTS

### MacrosCounter - Fullstack MERN Application

Aug 2022 - Aug 2026

- A full-stack web app for tracking macros intake using React, Redux, ES6, and Sass.
- Integrated role-based access controls with existing systems that improved data governance practices, leading to a 50% decrease in data handling errors and ensuring compliance with industry specific regulations
- Tech Stack** - React.js, Redux.js, MongoDB, Express.js and Mongoose

### Portfolio

Aug 2022 - Aug 2026

- Developed a responsive frontend web application to showcase personal profile, technical skills, and project highlights using React.js and TypeScript.
- Designed and deployed the application on an AWS EC2 instance, demonstrating practical knowledge of cloud infrastructure and Linux-based server management.
- Implemented Elastic Load Balancer (ELB) and EC2 Auto Scaling (EAS) for enhanced availability, fault tolerance, and scalability of the portfolio.
- Tech Stack** - React.js, JavaScript, TypeScript, Linux, Virtualization and AWS (EC2, ELB, EAS).

## SKILLS

### Languages

JavaScript, TypeScript and Python.

### Tools/Frameworks

React.Js, Redux.Js, Node.Js, Express.Js, Jest, RTL, Git and Github

### Databases

MongoDB

### Other Skills

Linux, Virtualization, Bash Scripting and AWS (EC2, ELB, EBS, EFS and EAS)