

SURESH BALLA

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Professional Summary

Software Developer with hands-on experience in building scalable applications and production-grade systems using React.js, Node.js, Supabase, and PostgreSQL. Strong expertise in developing RESTful services, implementing secure authentication, and optimizing application performance. Proven ability to work in Agile environments, resolve production issues, and deliver high-quality, user-centric web solutions.

Skills

- Languages & Scripting: JavaScript, TypeScript, HTML, CSS
- Frameworks & Libraries: React.js, Node.js, Express.js, Tailwind CSS, Bootstrap, Next.js, Nest.js
- Backend & Databases: Supabase, PostgreSQL, REST APIs, JWT Authentication, API Security
- Tools & Practices: Git, GitHub, Agile/Scrum, Unit Testing, CI/CD, Docker

Experience

Software Developer Intern | Sumeru Software Solutions, Bengaluru (Jan 2024 – Present)

- Built and maintained a React + TypeScript back-office application, improving workflows and engagement by 35%.
- Developed and optimized REST APIs using Node.js, Express.js, and Supabase, reducing response times by 25%.
- Integrated secure authentication using JWT and API key management.
- Resolved 20+ production issues, improving reliability and performance.
- Optimized PostgreSQL queries and collaborated in an Agile environment.

Projects

Art of Living – Teachers & Program Organizers Management System

Tech Stack: React.js, Tailwind CSS, Supabase, PostgreSQL, REST APIs

- Built a full-stack system for managing teachers, programs, and participant registrations.
- Developed responsive UI and integrated secure backend services.
- Implemented authentication and optimized PostgreSQL queries.

Common Harmony – Multi-Tenant Course Management Platform

Tech Stack: React.js, Next.js, Nest.js, PostgreSQL

- Built a scalable multi-tenant platform with region-based visibility and role-based access control.
- Designed optimized PostgreSQL schema and secure backend APIs.

Kaalgyaan – EdTech Learning Platform

Tech Stack: React.js, JavaScript, HTML, CSS

- Implemented a fully responsive, user-friendly UI to improve learner engagement and accessibility.
- Collaborated on UI enhancements to ensure consistency, performance, and ease of use across devices.

Education

- M.Sc. (Chemical Science) — Andhra University | CGPA: 7.8 | Dec 2022
- B.Sc. (Mineral Beneficiation, Geology, Chemistry) — Andhra University | CGPA: 6.7

Certifications

- Certified Software Developer Intern — Micro1 (2025)
- Web Developer Certification — JavaScript, Frontend Libraries, Responsive Web Design (2024)
- JavaScript Developer Certification — Dynamic & Responsive Web Applications (2024)

Achievements & Interests

- Ranked 158th in AUCET (Andhra University Entrance Test).
- Interests: Chess, Meditation, Building side projects, Problem-solving, learning new frameworks, exploring modern web technologies and Performance optimization.