Abrar Sami

Senior Full Stack Engineer | Java, Spring Boot, REST APIs | React, TypeScript | SQL Server

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SUMMARY

Full stack engineer with 8+ years of experience building web applications end to end, from Spring Boot backends to React frontends. Six years designing REST APIs and business logic in Java / Spring Boot (MVC), writing T-SQL against SQL Server and building React UIs; the last 2.5 years focused on React + TypeScript product work and internal tooling on Smartapp's construction management platform (2,200+ commits). Comfortable owning features across the stack and using AI coding tools in the daily workflow.

SKILLS

Backend	Java, Spring Boot, Spring MVC, REST APIs, OOP
Frontend	React, TypeScript, JavaScript (ES6+), Material-UI, HTML5, CSS / SCSS, jQuery
Data	Microsoft SQL Server, T-SQL, stored procedures, query optimisation, Crystal Reports
Tooling	Git, Vite, Chrome extensions (Manifest V3), Electron, VS Code extensions, Agile

EXPERIENCE

Senior Software Engineer — Smartapp

May 2024 – Present · Hyderabad

React, TypeScript, JavaScript, Material-UI, SCSS

- Build React + TypeScript features for Smartapp's construction management SaaS used by 100+ users; 2,200+ commits since May 2024.
- Finance suite: Budget Manager, Forecast 3.0 and the Forecast Simulator, Estimates, Bid Manager, client and vendor contracts, pay applications (schedule of values, auto-save) and change events, with multi-currency support; added sub-project support across finance modules.
- Document Smart Folder grid with in-grid editing and typed column editors; Manage Roles and Project Team permission screens.
- Scheduling UI on Gantt and calendar components; real-time presence and comment streams; i18n tooling with a translation memory; View Builder, Skill Studio, Safety Permits and Digital ID modules.
- Optimised key workflows, cutting processing time by 90%, and brought page loads down to near-instant.
- Internal tools: Bug Workflow (bug triage, scheduling and time tracking UI), Smartapp Tag Creator and BambooHR Timesheet Helper Chrome extensions, and a client-side image upscaling library.

Software Engineer (Full Stack) — Centra Hub Pvt. Ltd.

Mar 2018 – May 2024 · Hyderabad

Java, Spring Boot, Spring MVC, SQL Server, T-SQL, React, JavaScript

- Built backend services and REST APIs in Java with Spring Boot and Spring MVC; wrote T-SQL, stored procedures and Crystal Reports on Microsoft SQL Server.
- TSRTC Logistics Management System (Telangana State Road Transport Corporation, 2022–2024): Java / Spring Boot backend, MSSQL data layer and web UI.
- Benelli CRM (2018–2024): developed all modules from inquiry to sales, including location-wise stock tracking, and optimised SQL procedures and functions.
- NCC (Nagarjuna Construction Company, 2019): customised software modules to client requirements.
- Developed frontends with React, JavaScript, HTML/CSS, Bootstrap, jQuery and Ajax.

SELECTED PERSONAL PROJECTS

- **NetFlux** — Requestly-style Chrome extension (React 18, TypeScript, MV3): rule engine on declarativeNetRequest, mock / redirect / map-local, CORS engine, virtualized network log with CDP capture and HAR export.
- **Hospix** — Hospital management system (React, NestJS, SQLite): GST billing computed server-side, role-based permissions, Ed25519-signed licensing with 160 tests.
- **DentOS** — Multi-tenant dental clinic SaaS (NestJS, PostgreSQL RLS, Redis, Docker): JWT + Argon2 + TOTP auth, bitmask RBAC, append-only audit log.
- **Git Chat** — VS Code / Cursor AI agent extension with tool calling across Groq, OpenAI and OpenAI-compatible providers.
- **Also:** Git Advanced (Electron Git client), Drive Explorer (Electron Google Drive client), Enclave (Tauri + Rust encrypted LAN messenger), Go Photos (offline PWA).

EDUCATION

M.Sc. Computers — Osmania University, Hyderabad — 2015 – 2017

B.Sc. Computer Science — SAP Degree College (Osmania University), Hyderabad — 2012 – 2015