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SUMMARY

Full-stack engineer with 4+ years of experience building scalable, user-focused applications. Skilled in React/TypeScript, Node.js, Java, and AWS. Experienced in data pipelines, internal tools, and performance-critical systems; thrive in fast-paced, collaborative teams with a strong product mindset.

CORE SKILLS

- Frontend: React.js, TypeScript, JavaScript, HTML, CSS/SCSS
- Backend & Cloud: Node.js, Java, Spring, Hibernate, AWS (Lambda, Aurora, CDK, S3, SQS/SNS, CloudWatch, DynamoDB, Cognito)
- Testing: Jest, JUnit, Cypress, Load/Stress testing
- Auth & APIs: Auth0, GraphQL, REST
- Version Control & Collaboration: Git, Figma

WORK EXPERIENCE

Full Stack Engineer | Executive Homes, LLC | April 2023 – Jan 2025

- Built scalable, modular UI components with React.js, TypeScript, and SCSS for a construction-tech platform, supporting workflows such as cutsheet requirements, floor-plan templates, room-level plans, property builds, and contractor checklists. Integrated Auth0 for authentication and role management.
- Developed custom UI elements (drag-and-drop, tab management, scroll tracking) without third-party libraries to meet strict performance and UX requirements.
- Partnered with designers and stakeholders to implement pixel-perfect interfaces from Figma and ensure releases matched business goals.
- Supported the team's migration to Replicache/Aurora, assisting with scalability work and helping integrate offline-first collaboration and conflict-resolution features.
- Assisted with backend/cloud efforts: contributed to Lambda Step Functions and API Gateway design for the cutsheet layering engine and supported CDK deployments before focusing fully on frontend development.

Software Development Engineer I | Amazon Inc. | April 2022 - March 2023

- Built React + TypeScript front-end tools for labor planning, shift scheduling, and performance tracking across 140+ sort centers, supporting 100K+ associates; improved accuracy of staffing forecasts and reduced manual reporting.
- Owned backend development of a Java-based AWS Lambda pipeline to migrate 14M+ JSON records from a shared MySQL database to dedicated Aurora instances, cutting query latency from 30 minutes to seconds (Java, Dagger, MySQL, Lambda, Aurora, SQS/SNS, CloudWatch, CI/CD).
- Designed and optimized the solution architecture for the migration pipeline, adding automated load/stress testing and scheduling it as an AWS Lambda job; validated reliability through JUnit unit tests and integration tests in Amazon QA frameworks.
- Delivered two React front-end projects post-migration: owned the entire codebase for one tool and collaborated on another, quickly adopting new standards and shipping high-quality features within weeks.

Java Tutor | Varsity Tutor | November 2020 - April 2022

- Delivered one-on-one Java tutoring sessions covering OOP, debugging, and core APIs; created tailored examples to strengthen learners' coding skills.

Software Test Engineer | ClassCalc | May 2021 - August 2021

- Manual testing for web and mobile applications, resolving usability issues and improving reliability.

Web Developer (Volunteer and Freelance) | Various Clients – Nonprofits & Small Businesses

- Designed and built responsive websites for nonprofit organizations and small businesses, including donation platforms, landing pages, and personal portfolios.
- Collaborated with clients to capture brand identity, improve user experience, and optimize sites for search engines.

Early Career | Various Roles - Bengaluru & Pune, India

- Developed enterprise applications for retail and IT clients using Java, JSP, Spring, Hibernate, Struts, and SQL.
- Delivered solutions including an office-automation system, a compliance tracker, and a healthcare app (later NexHealth), helping migrate it from servlets to Spring + Hibernate.
- Built the Skill Enhancement Tracking System (SETS), an internal web app for assessing employee skill levels.

EDUCATION

Bachelor of Engineering in Information Science and Technology
Visvesvaraya Technological University – Karnataka, India