

Rutvik Gulhane, B.E.

Product Engineer | Full-Stack Engineering | B2B SaaS

Portfolio: viknik.tech

Pune, Maharashtra · Immediate Joiner · Open to Relocation

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SUMMARY

Product-minded engineer with 3+ years of experience translating user workflows into reliable software across government-scale systems and B2B SaaS. Co-founded SpotBook and took its first product from operating-team discovery through production support for live apparel expos; paired mobile-first, low-friction workflows with reliable Spring Boot and PostgreSQL systems. Strengths include Java, React, product discovery, workflow design, transactional systems, REST APIs, and full-lifecycle delivery.

TECHNICAL SKILLS

- **Backend:** Java 17, Spring Boot 3, Spring Security, Hibernate/JPA, REST API Design, JWT, RBAC
- **Frontend & Product:** React, TypeScript, Redux Toolkit, RTK Query, Tailwind CSS, mobile-first interaction design, product discovery, workflow design
- **Data & Architecture:** PostgreSQL, Oracle SQL, MySQL, SQL optimization, schema design, Flyway, multi-tenant architecture, modular monoliths, concurrency control
- **Quality & Delivery:** JUnit 5, Mockito, integration testing, regression testing, TDD, Docker, Railway, Maven, Jenkins-based CI/CD, Git
- **AI-Assisted Engineering:** Codex, Cursor, Antigravity; code review and test-driven validation of AI-assisted output

EXPERIENCE

Co-Founder & Full-Stack Developer

Aug 2025 – Jun 2026

SpotBook — B2B SaaS for apparel manufacturers

Pune / Surat

- Interviewed five apparel manufacturers and their teams, then translated expo-floor workflows into a mobile-first order product built around daily users as well as business owners.
- Built, deployed, and supported SpotBook's first production order-management application in 15 days for an apparel manufacturer; it supported approximately Rs. 9 Cr (\$1.1M) in goods bookings across two expo seasons.
- Designed a POS-style React and TypeScript ordering flow for one-handed use while sales agents showed products: focused QR-to-cart modal, large thumb-driven quantity controls, visual stock states, optimistic updates, and persistent cart state.
- Designed complementary order- and product-based fulfillment views, turning spreadsheet sorting into a visual planning and allocation workflow across product, distributor, and retailer demand.
- Used an open-ended “magic button” question to move operating teams past feature checklists and into their actual frustrations, surfacing planning, allocation, packing, and dispatch pain.
- Modeled physical and virtual inventory as distinct views with set-based controls, labels, and color cues so managers could interpret dense SKU data without confusing ready stock and promiseable capacity.
- Designed delta-based stock validation for in-place order editing, combining identity-based frontend diffs with transactional inventory controls to preserve order history and prevent overselling.
- Architected the multi-tenant Spring Boot modular monolith with Hibernate tenant isolation and domain boundaries, enabling separate manufacturer accounts on a shared database without cross-tenant data leakage.
- Built idempotent order creation and pessimistic inventory locking for live expo conditions, eliminating concurrency failures across 50+ peak concurrent sessions while maintaining sub-200 ms order synchronization.

EXPERIENCE (CONTINUED)

Project Engineer <i>C-DAC — Client: EPFO, Govt. of India</i>	Apr 2023 – Aug 2025 <i>Pune, Maharashtra</i>
- Developed Spring Boot modules for Form 19 and Form 31 claim workflows on EPFO’s UAN Portal, contributing to automation of 2.34 crore auto-settled claims in FY 2024–25. - Integrated Aadhaar-based Protean eSign into the claim pipeline, enabling legally valid digital signing and automating 70% of advance claims within three days of filing. - Built REST APIs and React claim-filing components for high-volume self-service workflows, working with backend and QA teams to improve the digital experience for citizens. - Optimized schemas, indexes, and audit-history queries for claims workflows, improving query performance by 35% while maintaining compliance-grade audit trails. - Implemented Spring Security, JWT authentication, and role-based access control across API endpoints; wrote JUnit and integration tests for critical workflow paths and used Maven and Jenkins-based CI/CD in release delivery.	

EDUCATION

PG Diploma in Advanced Computing <i>C-DAC — Web Application Development</i>	Sep 2022 – Mar 2023 <i>Top 10% of cohort</i>
B.E., Computer Science & Engineering <i>Prof. Ram Meghe Institute of Technology & Research</i>	Jul 2017 – Mar 2022 <i>Amravati, Maharashtra</i>