

SHUBH JAISWAL

Java | Spring Boot | React.js | TypeScript | REST APIs | Full-Stack Developer

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SUMMARY

Java/Spring Boot and React.js developer focused on secure APIs and end-to-end full-stack systems. Hands-on with layered Spring architecture, REST API design, JWT/RBAC, SQL/MongoDB, Docker, and React hooks/context/state management. Open-source Submitty contributor experienced in bug investigation, PR testing, code review, and maintainer collaboration.

TECHNICAL SKILLS

Core Stack: Java, JavaScript, TypeScript, Spring Boot, Spring MVC, React.js, REST APIs

Backend & Security: Spring Security, JWT, RBAC, API Validation, Microservices Patterns, Node.js, Express.js, Python, FastAPI

Frontend: React Hooks, Context API, State Management, Component Architecture, Responsive UI

Data & DevOps: SQL, Relational Databases, MongoDB, Docker / Containerization, CI/CD, Postman, Git, GitHub

EXPERIENCE

Submitty — Open-Source Contributor · Dec 2025–Present

- **Contribute to a large open-source education platform** by reproducing issues, tracing root causes, and implementing targeted frontend and workflow fixes across discussion and grading interfaces.
- **Test and review peer pull requests**, collaborate with maintainers on revisions and tradeoffs, and work within an established multi-language codebase using Git-based review workflows.

PROJECTS

E-Commerce Backend API · Java · Spring Boot · Spring MVC · MongoDB · Maven · REST APIs

- **Architected controller-service-repository layers** across catalog, cart, order, and payment domains with DTO validation, custom exceptions, and predictable REST error contracts.
- **Implemented a mock payment gateway** with webhook-style asynchronous order confirmation and service-owned business logic structured for isolated testing.

RideShare Backend System · Java · Spring Boot · Spring Security · JWT · RBAC · MongoDB

- **Designed booking and trip-lifecycle APIs** for requested → accepted → in-progress → completed flows with role-aware user interactions.
- **Secured endpoints with Spring Security, JWT, and RBAC**; enforced DTO validation and global exception handling while keeping service logic separate from HTTP routing.

TOMATO - Full-Stack Food Delivery Platform · React.js · Node.js · Express.js · MongoDB · JWT · Stripe

- **Built React discovery, cart, checkout, order, and admin flows** using hooks/context state management and explicit REST contracts to Node/Express services.
- **Implemented JWT-protected actions**, role-gated administration, Stripe checkout, validation, and MongoDB-backed order lifecycle persistence.

SignalCare - AI-Assisted Triage Prototype · React · TypeScript · Gemini · Serverless · Evaluation

- **Built a safety-first React/TypeScript triage prototype** where AI handles extraction and summarization while deterministic rules retain emergency-escalation authority.
- **Implemented adaptive follow-ups**, locale-aware care terminology, provider-summary exports, and a project-local 33-case suite with 33/33 passing and zero emergency misses.

EDUCATION & CERTIFICATIONS

Education: BITS Pilani — BSc (Hons), Computer Science, expected 2028

Certification: Machine Learning Specialization — DeepLearning.AI & Stanford Online (Coursera), Oct 2025