

RISHEEK SHUKLA

SOFTWARE ENGINEER

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[LINKEDIN](#)

[GITHUB](#)

[LEETCODE](#)

[CODECHEF](#)

PROFESSIONAL SUMMARY

Software Engineer with 1+ year of experience building scalable, multi-tenant SaaS systems using *Spring Boot*, *Node.js*, and *PostgreSQL*. Experience delivering production features across 8+ environments, with a focus on distributed workflows, API design, and data reliability in microservices-based architectures.

WORK EXPERIENCE

Software Engineer (contract)

March 2025 – Present

73Strings

Bengaluru - Onsite

- Built and deployed a multi-tenant Entity Management Service with org-based tenant routing, serving multiple organizations with row-level data isolation using Spring Boot, PostgreSQL, and JPA.
- Designed saga-based distributed workflows to ensure transactional consistency across microservices, reducing data inconsistency errors by 95% through compensating transactions.
- Developed bulk data ingestion pipeline processing 50K+ Excel records daily with field-level validation, batch processing, and error rollback mechanisms, improving data quality by 40%.
- Implemented gRPC-based inter-service communication for high-frequency internal APIs, reducing average latency from 180ms to 70ms (60% improvement) compared to REST endpoints.
- Integrated EMS with User Access Management (UAM) and Task Management System (TMS) using JWT-based authentication and RBAC authorization, ensuring secure access control for 500+ users.
- Enforced OWASP secure coding practices including input validation, parameterized queries for SQL injection prevention, and secure session management across all service endpoints.

Backend Engineer Intern

Apr 2024 – Aug 2024

PowerMech Ltd.

Hyderabad - Hybrid

- Developed RESTful APIs using Node.js and Express.js for internal asset management, handling 1000+ daily requests with 99.5% uptime.
- Designed MongoDB aggregation pipelines reducing query time by 30% through indexing and pipeline optimization.
- Implemented JWT authentication and role-based access control for secure endpoints.

TECHNICAL SKILLS

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| Core Backend Frameworks: | Spring Boot, Node.js, Express.js |
| Programming Languages: | Java, Python, JavaScript, TypeScript |
| Databases & Caching: | PostgreSQL, MongoDB, MySQL, Redis, Elasticsearch |
| System Design & Architecture: | Microservices, distributed systems, event-driven architecture |
| AI / LLM Systems: | RAG, LangChain, LangGraph, Hugging Face |
| Messaging & Communication: | Kafka, RabbitMQ, REST APIs, WebSockets, gRPC |
| DevOps & Tools: | Docker, CI/CD, Git (GitHub, Bitbucket), Postman, Datadog, Devtron |
| Security & Practices: | OWASP secure coding, RBAC authorization |
| Problem Solving: | Leetcode (Max rating: 1521), 400+ problem, Codechef (Max rating: 1488) |

PROJECTS

TwinTraffic | [GitHub](#)

Dec 2025

Built a backend system for shadow traffic validation using real request mirroring without impacting users.

- Enabling async request duplication and fail-safe isolation for reliable shadow execution.
- Designed a JSON diff and latency comparison engine to detect functional and performance regressions.
- Developed mock services and replay APIs for production-like testing scenarios.

ResuMinds (Platinum) | [GitHub](#)

Feb 2026

Built an AI-powered interview simulator with persona-based adaptive questioning.

- Implemented resume parsing and context-aware question generation using LLMs (Groq, Llama 3.3).
- Built real-time voice interaction using the Web Speech API for interactive interview simulations.
- Engineered a multi-dimensional scoring system evaluating technical depth and communication.
- Developed an abstraction layer to support multiple LLM providers.

CLI Wizard | [GitHub](#)

Apr 2024

A customizable template tool for creating powerful command-line interface (CLI) tools with Node.js.

- Added configuration management, argument parsing, and structured logging.
- Enabled developers to quickly scaffold CLI tools with reusable templates.

EDUCATION

Bachelor of Technology | 2021 – 2025 | Amity University Gwalior | cGPA: 8.31