

# SHARUGESH BASKAR

Full stack Java Developer | Bangalore | [sharugesh17@gmail.com](mailto:sharugesh17@gmail.com) | 9677557186  
[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

## SUMMARY

Aspiring and driven Computer Science graduate with a strong foundation in backend development, API integration, and data handling. Skilled in Java, Spring Boot, SQL, and debugging application workflows. Passionate about building reliable systems and transforming technical requirements into efficient, scalable solutions. Committed to continuous learning, adaptability, and contributing to real-world engineering projects with precision and accountability.

## TECHNICAL SKILLS

**Programming Languages:** C++, Java, SQL

**Core Concepts:** OOP, DSA

**Frameworks:** Spring Boot, Hibernate, REST API, CRUD Operations, JSON, XML

**Database:** MySQL, JDBC

**Tools:** Git & GitHub, Postman, Maven, Spring Tool Suite (STS), IntelliJ IDEA

## PROJECTS

**Transaction Monitoring & Fraud Detection System** | Java, Spring Boot, MySQL **September 2025-Present**

- **Java & Spring Boot:** Built backend service to process financial transactions in real time with rule-based fraud checks to detect abnormal patterns (high-value transfers, rapid repeats, cross-account spikes).
- **REST APIs:** Developed secured APIs for recording transactions, viewing complete history, and retrieving high-risk flagged cases with accurate response formatting
- **MySQL (Schema Design):** Structured normalized tables for users and transactions with real-time flagging indicators to support fast querying and fraud lookup.
- **Spring Data JPA & Validation:** Implemented data validation, exception handling, and clean JSON responses to ensure reliable transaction processing and error-free auditing.
- **Risk Scoring Algorithm:** Implemented automated flags with scoring logic based on thresholds, anomaly frequency, and KYC trust levels to support fraud analysts.

**E-Commerce Product Management System** | Java, Spring Boot, MySQL, HTML, CSS, JavaScript **October 2025-Present**

- **Java & Spring Boot Backend:** Implemented product catalog management with CRUD operations, stock updates, category filtering, and price-based search using layered service-controller-repository architecture.
- **REST API Development:** Built secured APIs for product listing, detail retrieval, category filters, price sorting, and admin-level product modifications with consistent JSON response structures.
- **MySQL:** Designed relational schema with indexed columns (product id, category, price) to optimize product search queries, reduce response latency, and support scalable inventory growth
- **Web:** Built lightweight admin interface for product addition, edit, delete, and inventory tracking with responsive toggles and search filters.
- **Testing & Verification:** Used Postman collections to validate each API flow, including edge cases (empty stock, invalid input, zero-price, duplicate product IDs).

## EDUCATION

**Bachelor in Computer Science and Engineering** **Oct 2021 - May 2025**

- Gnanamani College of Technology - Namakkal - First Class

**Higher Secondary – Computer Science** **Jun 2020 - May 2021**

- Shri Vinayaga higher secondary school - Namakkal – 81%

## CERTIFICATIONS

- **Programming in Java – NPTEL:** Gained Strong foundation in core Java and core Java and monitored data handling and logic system.
- **SQL Programming – UDEMY:** Learned covering database querying, table management, joins, and data manipulation fundamentals.
- **Secure Coding in Spring Boot: Real-World Coding Guide – UDEMY:** focused on secure Spring Boot development, covering authentication, validation, and safe API handling practices.
- **Java Full Stack developer – Scholar Logic:** Completed full-stack Java development training covering Core Java, Spring Boot, REST APIs, MySQL, and frontend (HTML, CSS, JavaScript). Gained hands-on experience in building end-to-end web applications with secure backend integration and structured API workflows.