

# Shaurya Sharma

Phone: (+91) 9339492683 Email: shauryasha090@gmail.com LinkedIn: linkedin.com/in/shaurya-afk GitHub: github.com/shaurya-afk

## Education

**Kalinga Institute of Industrial Technology**, Bhubaneswar, India  
Bachelor of Technology in Computer Science and Engineering (Final Year) September 2022 - June 2026  
*Relevant Coursework: Data Structures, Algorithms, Operating Systems, Computer Networking, Distributed Systems*

## Core Competencies

- Backend development with RESTful APIs, microservices, and distributed systems
- Database design, optimization, and integration (SQL)
- Scalable architecture, messaging systems, and real-time data processing
- Software design patterns, SDLC, Agile practices, test-driven development

## Technical Skills

- Programming Languages:** Java, Kotlin, C++, C#, SQL
- Frameworks & Libraries:** Spring Boot, JPA Data, Prisma, Next.js, Apache Kafka
- Databases:** PostgreSQL, MySQL, Redis
- Cloud & Deployment:** AWS (ECS, S3, RDS), Vercel, Docker, CI/CD pipelines
- Tools & Development Practices:** Git, Maven, Gradle, Agile methodologies, TDD, OAuth2, JWT, GenAI

## Projects

**SwiftCart – Mobile E-Commerce Platform with Real-time Processing** (GitHub) December 2024 – January 2025  
*Kotlin, Spring Boot, Docker, AWS ECS, PostgreSQL, Android-SDK*

- Developed an Android e-commerce app using Jetpack Compose for a responsive UI, enabling seamless product browsing and purchasing.
- Integrated Retrofit and Room for API connectivity and offline storage, managing user data and cart functionality.
- Built a Spring Boot (Kotlin) backend with Docker and Docker Compose for scalable microservices.
- Deployed on AWS ECS with S3 and RDS (PostgreSQL) for secure storage, efficient database management, and high availability.

**NotifyX – Scalable Notification Middleware** (GitHub) April 2025 – June 2025  
*Java, Spring Boot, Kafka, Redis, PostgreSQL, Next.js, Event-driven Architecture*

- Designed and deployed a high-throughput middleware capable of handling 50K+ events/min with real-time delivery and sub-second latency.
- Implemented distributed producer-consumer architecture with Kafka and Redis, enabling fault-tolerance, horizontal scalability, and reliable traffic handling.
- Built a Next.js frontend for seamless user experience, allowing intuitive monitoring, integration management, and system insights.

**FailForward – Productivity Platform** (GitHub) Mar 2025 – Apr 2025  
*Java, Spring Boot, PostgreSQL, REST APIs, Clerk, Next.js, Vercel Deployment*

- Developed and deployed backend REST APIs with secure authentication and role-based workflows.
- Optimized SQL queries and schema design to improve performance for high-volume user data.
- Collaborated with frontend engineers, ensuring seamless cross-team integration and product delivery.

## Certifications & Achievements

- Spring Boot Course: Certified Course for Essential Skills** — Scaler Topics, Aug 2025
- Generative AI: Introduction and Applications** — IBM via Coursera, Aug 2025
- Agile Project Management Certification** (HPE, 2024) - Applied collaborative development methodologies in cross-functional teams