

Shaurya Sharma

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Education

Kalinga Institute of Industrial Technology, Bhubaneswar, India

Bachelor of Technology in Computer Science and Engineering (Final Year)

Relevant Coursework: *Data Structures, Algorithms, Operating Systems, Computer Networking, Distributed Systems*

September 2022 - June 2026

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:** Python, Java, Kotlin, C++, SQL
- Frameworks & Libraries:** FastAPI, Spring Boot, React.js, JPA Data, Prisma, Apache Kafka
- Databases:** PostgreSQL, MySQL, Redis, DynamoDB
- Cloud & Deployment:** AWS (ECS, S3, RDS, DynamoDB), Docker, Vercel
- Tools & Development Practices:** Git, Maven, Gradle, Agile methodologies, TDD, OAuth2, JWT, REST APIs

Experience

VIAI Beauty – Full-Stack Developer Intern
Remote

October 2025 – Present

- Contributing to Lens, the company's core e-commerce analytics product, by developing automation for the customer review system.
- Designing and implementing backend services using Python (FastAPI) to manage and streamline review workflows.
- Integrating with the Shopify API to fetch, process, and analyze customer feedback data at scale.
- Utilizing AWS DynamoDB for efficient data storage and retrieval, and S3 for secure file and asset management.
- Collaborating cross-functionally with frontend and product teams to ensure smooth API integration and deployment pipelines.

Projects

SwiftCart – Mobile E-Commerce Platform with Real-time Processing (GitHub)
Kotlin, Spring Boot, Docker, Git, REST APIs, AWS ECS, PostgreSQL, Android-SDK

December 2024 – January 2025

- 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)
Java, Spring Boot, Kafka, Redis, PostgreSQL, React.js, Event-driven Architecture, REST APIs

April 2025 – June 2025

- 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)*Java, Spring Boot, PostgreSQL, REST APIs, Clerk, React.js, Vercel Deployment*

Mar 2025 – Apr 2025

- 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