

Shaurya Sharma

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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

Experience

VIAI Beauty — Full-Stack Developer Intern (Remote, US)

Oct 2025 – Dec 2025

Python, FastAPI, AWS ECS, DynamoDB, S3, Shopify APIs, Docker

- Built and deployed backend **microservices** for an e-commerce analytics platform, automating large-scale customer review ingestion and processing.
- Designed scalable FastAPI services on AWS ECS integrated with DynamoDB and S3 to support high-volume asynchronous data workflows.
- Implemented Shopify API ingestion pipelines, improving data reliability and reducing manual operational overhead.

The Inner Labs — Backend Developer Intern (Remote)

Jan 2026 – Feb 2026

Java, Spring Boot, NextJs

- Developed and maintained backend services using **Java Spring Boot**, designing and exposing RESTful APIs for core product features.
- Built and enhanced the product dashboard using **Next.js**, implementing dynamic UI components and integrating them with backend APIs.
- Resolved production and staging bugs across backend and frontend, improving system stability and reducing recurring issues.

Technical Skills

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

Projects

Stone Age – AI-Powered PDF Data Extraction Platform (GitHub)

Feb 2026

Python, FastAPI, PostgreSQL, Next.js, OCR (Tesseract), LLM Parsing, Render, Vercel

- Architected a FastAPI backend for structured PDF data extraction using OCR, layout parsing, and LLM-based processing to generate validated JSON and Excel outputs.
- Implemented secure authentication and document-processing pipelines with PostgreSQL-backed metadata storage and optimized query performance.
- Deployed containerized backend on Render and integrated a Next.js frontend on Vercel, ensuring reliable production workflows and end-to-end API integration.

SwiftCart – Mobile E-Commerce Platform (GitHub)

Dec 2024 – Jan 2025

Kotlin, Spring Boot, Microservices, Docker, AWS ECS, PostgreSQL, Android APIs

- Developed Android app with Jetpack Compose, enabling seamless product browsing and secure purchases.
- Built scalable backend **microservices** with **Spring Boot & Docker**; deployed on AWS ECS with S3/RDS.
- Implemented API connectivity (Retrofit) with offline-first capability using Room DB, improving reliability.

Java, Spring Boot, Kafka, Redis, PostgreSQL, Next.js, Event-driven Architecture

- Engineered middleware handling **50K+ events/min** with sub-second latency using Kafka pipelines.
- Implemented distributed producer-consumer model with Redis for **fault-tolerance and scalability**.
- Integrated intuitive Next.js frontend for monitoring, improving developer adoption and ease of integration.

Certifications & Achievements

- **Spring Boot Essential Skills** — Scaler Topics, Aug 2025
- **Generative AI: Introduction and Applications** — IBM via Coursera, Aug 2025
- **Agile Project Management Certification** — HPE, 2024