

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
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Experience

VIAI Beauty — Full-Stack Developer Intern (Remote, US) <i>Python, FastAPI, AWS ECS, DynamoDB, S3, Shopify APIs, Docker</i>	Oct 2025 – Dec 2025
<ul style="list-style-type: none">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) <i>Java, Spring Boot, Next.js</i>	Jan 2026 – Feb 2026
<ul style="list-style-type: none">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) <i>Python, FastAPI, PostgreSQL, Next.js, OCR (Tesseract), LLM Parsing, Render, Vercel</i>	Feb 2026
<ul style="list-style-type: none">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) <i>Kotlin, Spring Boot, Microservices, Docker, AWS ECS, PostgreSQL, Android APIs</i>	Dec 2024 – Jan 2025
<ul style="list-style-type: none">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.	

NotifyX – Scalable Notification Middleware (GitHub)

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

Apr 2025 – Jun 2025

- 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