Harsh Taru

Software Engineer

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⟨ CodefindsHarsh 🔗 Portfolio

Professional Summary

Java Backend Developer skilled in building scalable microservices and distributed systems using **Java (8+), Spring Boot**, and **Kafka**. Experienced in **REST API development**, cloud-native deployment (GCP, AWS), and real-time data processing. Strong foundation in **OOP, system design, SQL**, and agile delivery. Passionate about writing clean, testable, and maintainable code for high-performance backend systems.

Experience

Software Design Engineer Intern, *OnlineSales.ai*   01/2025 – Present │ Pune, India
- Designed and deployed **Java-based microservices** for role-based authentication and user access — powering production access for 100+ agencies.
- Developed and maintained **secure REST APIs** using **Spring Boot**, JWT, and role-based permissions.
- Built a **Kafka + Python-based changelog consumer**, transforming Debezium logs using Jinja templates and pushing to BigQuery for observability.
- Migrated production data to **MongoDB Atlas**, and developed ETL pipelines from **SQL to BigQuery** for analytics.
- Created 10+ complex **SQL reports** (1K+ LOC each) and an automated task handler for campaign optimization.

Freelance App Developer, *Shresag Studios*   06/2024 – 08/2024 │ Pune, India
- Built 2 mobile apps using Flutter & Firebase; integrated RESTful backends and deployed responsive UI flows.
- Handled backend integration, state management, and end-to-end app delivery to over 10K+ users.

Education

BTech in Information Technology,   01/2022 – 05/2025 │ Pune, India
Vishwakarma Institute of Information Technology
- CGPA: 9.46/10
- Coursework: Data Structures, Algorithms, Machine Learning, Web Development, Database Systems

Skills

Java | Python | JavaScript | Spring Boot | JPA/Hibernate | Node.js | Flask | PostgreSQL | MySQL | MongoDB Atlas | Redis | Kafka | Docker | Git | JUnit | BigQuery | BullMQ | GCP | AWS (EC2, S3, IAM) | REST APIs | Microservices | Multithreading | CI/CD | SQL | GitHub | Agile | Firebase

Projects

JTrimURL - URL Shortener Platform 🔗
- Built a production-ready URL shortening service with full user authentication, analytics, QR code generation and a modern dashboard.
- Designed and developed backend using Java Spring boot and MongoDB Atlas, with secure APIs supporting custom URL aliases and expiration.
- Implemented Docker-based containerization and followed modular architecture for easy scaling and CI/CD integration.

Pawsitive Connect App 🔗
- Developed a full-stack pet adoption platform enabling users to post, search, and adopt pets with intelligent recommendations based on breed, age, and location.
- Integrated a deep learning model (VGG16) to perform image-based pet classification, improving match accuracy by 35%.

Certifications

AWS Certified Cloud Practitioner, IBM Full Stack Software Developer Certification

HackerRank Problem Solving (Advanced), Python and SQL Certification

Featured Presenter at the University's Annual Tech Showcase for AI Projects