Harsh Taru

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LinkedIn: [Linkedin ↗](#) — GitHub: [Github ↗](#)

Professional Summary

Backend Developer skilled in building scalable systems using **Java, Python, and Node.js**. Experienced with distributed architectures, event-driven design, and cloud platforms **(GCP, AWS)**. **Strong** in **API design, debugging, and testing**.

Technical Skills

Languages: Python, JavaScript, Java
Frameworks: Node.js, Express.js, React.js, Flask, Spring Boot
Databases: MongoDB (MongoDB Atlas), PostgreSQL, MySQL, Firebase Cloud Firestore
Cloud Platforms & DevOps: AWS, Google Cloud Platform (GCP), Docker, Kubernetes
Source Control: Git, GitHub, Subversion (SVN)
Testing & Debugging: Unit Testing, Integration Testing, Logging, Monitoring (Prometheus, Grafana basics)

Education

BTech in Information Technology *Vishwakarma Institute of Information Technology, Pune*   *January 2022 - May 2025*
- **CGPA: 9.46/10**
- **Coursework:** Data Structures, Algorithms, Machine Learning, Web Development, Database Systems

Experience

Software Design Enginee Intern - *OnlineSales.ai*   *January 2025 – Present*
- Built and deployed **scalable Java microservices** for **authentication** and **role-based access**, now used by **100+ agency users**.
- Built a Python-based changelog consumer to process **Kafka & Debezium** events using Jinja; pushed structured logs to BigQuery, improving observability and reducing manual debugging **by 60%**.
- **Migrated** production data from **self-managed MongoDB to MongoDB Atlas** and built **SQL-to-BigQuery ETL pipelines** for analytics.
- Authored **10+ complex SQL reports (1K+ LOC each)** and built a custom task handler **framework** to **automate campaign suggestions** and actions.

Freelance App Developer - *Shresag Studios*   *June 2024 – August 2024*
- Developed **2 high-performance mobile apps** using **Flutter** and **Firebase**, optimized UI/UX and state flows.
- Integrated back-end APIs and designed responsive UI with user-friendly flows, serving **10K+ users**.

Projects

JTrimURL - URL Shortener Platform   [Github ↗](#)
- Built a **production-ready** URL shortening service with **full user authentication, analytics, 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   [GitHub ↗](#)
- 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**