SHARWARI AKRE

Raleigh, NC | +1 (919)-332-6675 | sharwari.akre@gmail.com | github.com/sharwariakre | linkedin.com/in/sharwari-akre

SKILLS

Languages:	Python, Java, SQL, JavaScript/TypeScript
Frameworks:	React.js, Node.js, Django, Flask
Databases:	PostgreSQL, MongoDB, Oracle
Cloud & DevOps:	AWS, GCP, Docker, Kubernetes, CI/CD
Tools:	Git, Linux

WORK EXPERIENCE

Product Engineering Intern | Trust2Connect   05/2025 – 07/2025

- Engineered backend development across 10+ microservices, designing and managing **RESTful APIs** with Apigee, conducting performance testing using **Postman and JMeter** in an agile environment, and troubleshooted integration issues.
- Designed and deployed a distributed **Pub/Sub notification system** with $< 200ms$ delivery time, enabling real-time, fault-tolerant communication between services.
- Contributed to **ML-driven KYB scoring logic**, integrating multiple risk and reliability factors into production-ready business workflows to strengthen fraud detection.
- Containerized and deployed services with **Docker + Kubernetes**, actively supporting CI/CD pipelines, agile sprint cycles, and private preview releases in a collaborative DevOps setting.

Software Developer | Capgemini   12/2023 – 07/2024

- Optimized **Oracle SQL/PLSQL** queries, cutting report runtimes by 25% and boosting operational efficiency.
- Automated **UNIX-based file and log operations**, while improving accuracy, consistency, and maintainability of processes.
- Designed interactive dashboards in **Power BI/Tableau** to monitor KPIs, giving leadership real-time insights and driving data-informed decisions.

Web Developer Intern | PayInfra   11/2021 – 01/2022

- Developed and deployed a **MERN-based payment gateway platform**, processing 100+ daily test transactions during pilot runs and supporting customizable client integrations.
- Integrated **Solidity smart contracts** for secure automated settlements and enhanced UX by translating Figma wireframes into responsive, user-friendly interfaces.

NOTABLE PROJECTS

Warehouse Management System | Java, MariaDB, Apache Maven

- Architected and implemented a scalable backend for warehouse operations, optimizing indexing and SQL queries to reliably handle $10K+$ daily inventory transactions with **low latency**.
- Designed **high-throughput** reporting pipelines with transaction integrity checks and concurrency control, ensuring accurate, real-time updates across multi-store environments.

LocaBites – Multi-Vendor Food Marketplace | Django, PostgreSQL

- Built and deployed a full-stack food ordering platform with vendor onboarding, secure payment integration, and **AJAX-powered cart functionality**; implemented normalized **PostgreSQL schema** and API endpoints to support multi-vendor operations and dynamic order routing.
- Optimized backend workflows to reduce checkout latency by 30% and explored **Redis + Celery** for asynchronous scaling.

EDUCATION

Masters in Computer Science   08/2024 - 05/2026
North Carolina State University   Raleigh, NC
Courses: Algorithms, Software Engineering, Data Analysis, DBMS, DevOps, GenAI   GPA: 3.61 / 4.0

B.E. in Information Technology   07/2019 - 05/2023
Marathwada Mitra Mandals College of Engineering   Pune, India
Courses: Cloud Computing, Computer Networks, Web Technologies, Machine Learning, Data Structures   GPA: 3.8 / 4.0