

# SHAAN YADAV

Delhi, India

 +91-8542029975  [shaanyworkspace@gmail.com](mailto:shaanyworkspace@gmail.com)  [LinkedIn](#)  [GitHub](#)  [Portfolio](#)  [LeetCode](#)  [Codecademy](#)

## EXPERIENCE

### Vithal Visions Private Limited

June 2025 – Aug 2025

Full Stack Java Developer (Internship) [\[ Experience Letter \]](#) | [\[ LOR \]](#)

Remote

- Engineered **Multi-Module applications** with **Spring Boot**, **JSP**, and **React.js**, adhering to **RESTful** principles and enhancing modular scalability by 30%.
- Executed Cloud migration** on **Microsoft Azure** using VM and Apache Tomcat, boosting performance by 25% with 99.9% uptime.
- Implemented comprehensive unit testing using **JUnit** and **Mockito** to ensure code reliability.
- Automated **CI/CD** workflows with **GitHub Actions** and **Docker**, reducing deployment time by 75%.







## PROJECTS

### AyurSutra - Distributed Microservices Healthcare Platform

Apr 2025 – Present

Tech Stack: Java 21, Spring Boot, AWS Lambda, RabbitMQ, Docker, Redis, MySQL, S3, OAuth2

Deployed Link : [www.ayursutra.me](http://www.ayursutra.me) 

- Microservices Architecture:** Designed a decoupled ecosystem with 5+ services (User, Patient, Doctor, Therapist) using **Spring Boot**, communicating via **OpenFeign** and secured with **OAuth2/JWT** and **Spring Security**.
- Event-Driven Design:** Implemented asynchronous communication using **RabbitMQ** and **Kafka** patterns to handle high-concurrency therapy session bookings and patient notifications.
- Data Performance:** Optimized data persistence with **Spring Data JPA/Hibernate** and **MySQL**. Integrated **Redis** and **Aerospike** for high-speed caching of user sessions and medical records.
- Cloud DevOps:** Deployed hybrid infrastructure: API Gateway on **Oracle Cloud** and core services as **Serverless AWS Lambda** functions using **Docker** images. Automating deployments via **GitHub Actions** workflows.
- Storage Monitoring:** Integrated **AWS S3** for secure storage of medical reports. Documented APIs using **Swagger/OpenAPI**.
- Microservices Code :** [UserMS](#)  | [DoctorMS](#)  | [PatientMS](#)  | [TherapistMS](#)  | [Gateway](#)  | [Frontend](#) 

## TECHNICAL SKILLS

**Languages:** Java (Core/Advanced), JavaScript, SQL, Python

**Backend Frameworks:** Spring Boot, Spring Security, Microservices, Hibernate, JPA, OAuth2, JWT

**Databases Caching:** MySQL, MongoDB, Redis, PostgreSQL

**DevOps Cloud:** AWS (Lambda, S3), Docker, Kubernetes (K8s), Kafka, RabbitMQ, Git, GitHub Actions

**Testing Monitoring:** JUnit, Mockito, Swagger/OpenAPI

## EDUCATION

### KIET Group of Institutions

Oct 2023 – Oct 2027

B.Tech - Computer Science and Technology with AI & ML

Ghaziabad, India

### D.A.V. Public School (CBSE)

Apr 2015 – Mar 2021

Class XII - 87% — Class X - 91.2% (PCM & Computer Science)

Raebareli, India

## CERTIFICATIONS & COMMUNITY

**Professional Certifications:** [AWS Certified Cloud Practitioner \(2025\)](#)  | [AWS Certified AI Practitioner \(2025\)](#) 

**Coursework:** [The Ultimate MySQL Bootcamp \(Udemy\)](#) | [Learning Java 11 \(LinkedIn Learning\)](#)

**Community:** Member, Google Developer Group (GDG) KIET | Microsoft Technology 4.0 | India Mobile Congress 2024