

SHAAN YADAV

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LinkedIn

Github

Portfolio

LeetCode

Codolio

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 ↗

- 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