

# Ansh Tamrakar

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[LinkedIn](#) — [GitHub](#) — [LeetCode](#) — [Portfolio](#)

## Experience

### Full Stack Java Intern

Adyanta Semiconductors

Pune, Maharashtra

July 2025 – Present

- Developed a comprehensive training module with React.js, Spring Boot, MySQL, and Supabase for user enrollment and authentication and improved training participation by 25% through intuitive workflows and real-time progress tracking.
- Configured multi-service deployments on local environments, leveraging Kubernetes and Ansible to automate server setups and environment replication and reduced deployment time by 20% and optimized system stability.
- Automated CI/CD pipelines using Jenkins, streamlining build, test, and deployment processes and increased deployment frequency by 50% and minimized human error.
- Enhanced the IoT device management platform using Nginx, MQTT, MySQL, and Spring Boot for real-time device monitoring and configuration and refined system uptime by 35% during high-load scenarios.

## Projects

### AssessAI: AI-integrated Classroom Platform

[Live: AssessAI](#) [↗](#)

- Built an end-to-end full-stack AI-driven classroom platform to automate assignment creation, evaluation, and grading, increasing assessment efficiency by 40%.
- Incorporated LLM-powered agents to generate diverse MCQs and descriptive questions, achieving 90% accuracy in automated scoring and feedback.
- Designed data-driven performance analytics and personalized feedback modules, enhancing student learning outcomes and engagement.

### Adyanta: Training and Workshop Website

[Live: Adyanta](#) [↗](#)

- Engineered a full-stack training enrollment platform using React.js, Spring Boot, MySQL, and Supabase for secure user management and authentication.
- Enhanced adaptive training and workshop content management and rendering to streamline user onboarding, increasing training participation by 25%.
- Executed real-time data handling and APIs for seamless communication between frontend and backend, improving user experience and system reliability.

### CineSlate: Movie Review Platform

[GitHub: CineSlate](#) [↗](#)

- Innovated a secure full-stack movie review platform using Thymeleaf, Spring Boot, and JPA, with user ratings, reviews, and personalized watchlists, improving content discoverability by 30%.
- Implemented JWT, OAuth2, and Two-Factor Authentication, bolstering platform security and reducing unauthorized access incidents by 45%.

## Technical Skills

**Languages:** Java, C, SQL, Python, HTML, CSS, JavaScript

**Frameworks:** Spring Boot, Spring MVC, Spring Data JPA, Spring Security, Hibernate, React.js

**Databases:** MySQL, PostgreSQL, Supabase, MongoDB

**Developer Tools:** Git, GitHub, Jenkins, Kubernetes, Docker, Ansible, Linux, Postman, AWS

## Education

**Acropolis Institute of Technology and Research, Indore**

Bachelor of Technology in Computer Science and Engineering

2022 – 2026

**CGPA: 7.36**

**Holy Family Convent Sr. Sec. School Khurai, Sagar**

12th standard from CBSE Board

2021 – 2022

**Percentage: 88.6**

## Certifications and Achievements

- Solved 300+ DSA problems on LeetCode, improving algorithmic efficiency and debugging speed by 60%.
- AWS Academy – Cloud Foundations (Dec 2024), certified in cloud architecture and deployment strategies.
- NPTEL – Computer Networks Certification (May 2025), specialized in network protocols and fault analysis.
- Cisco Networking Academy – Networking Essentials Certified (July 2025), with hands-on expertise in network configuration and security.
- Secured 7th position at Innohacks Hackathon, KIET New Delhi.