

Aakash Vasant Shirture

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PROFILE SUMMARY

Java Developer specializing in Microservices and distributed backend systems using Java, Spring Boot, and REST APIs. Experienced with Docker, Kubernetes, Jenkins, CI/CD pipelines, and cloud environments, with solid knowledge of MySQL, OOP, and system design.

EDUCATION

MET-Institute of Information Technology Bandra West Mumbai Maharashtra

Post Graduate Diploma In Advanced Computing (CDAC PG-DAC)

2023-2024

- Selected for a competition in recognition of project skills.
- Top 10% in Academics.

Rajiv Gandhi Proudyogiki Vishwavidyalaya Bhopal Madhya-Pradesh

B.Tech In Electrical Engineering

- Represented university in a Technical Fest.
- Top 5% in academic.

SKILLS

Technical skills: Java ,Spring MVC, Spring Boot, Spring Security, Spring Data JPA, RESTful APIs, Hibernate, Microservices, MySQL, AWS (EC2, S3, IAM ,Lambda, VPC, RDS, CloudWatch) , Docker, Kubernetes, Jenkins CI/CD , Git, GitHub.

EXPERIENCE

Backend/Java Developer Intern | Cognifyz Technologies

2025

- Created Java-based applications (Tic-Tac-Toe, NIO Chat App, JavaFX/Swing tools, Currency Converter) using OOP, Collections, NIO, and API integrations to solve real-world development tasks.
- Applied modular design, multithreading, and network programming to enhance responsiveness and code structure.
- Delivered optimized applications that improved execution speed while strengthening expertise in concurrency, networking, and UI development.

PROJECTS

Hotel Management System (Microservices Architecture)

2024-2025

- Built a Spring Boot microservices architecture (User, Hotel, Rating) that increased scalability by 40% and improved overall system uptime.
- Automated microservice deployments using Jenkins and Docker, shortening release cycles from 2 days to 4 hours.
- Strengthened resilience using Resilience4j and Spring Cloud LoadBalancer, ensuring stable performance during service failures.
- Introduced standardized error-handling patterns across services, reducing debugging time for junior developers by 60.

Smart Contact Manager

2024-2025

- Developed a robust contact management web application using Spring Boot, enabling 200+ users to manage contacts with significantly faster response times.
- Implemented secure authentication using HMAC-SHA256 and BCrypt, boosting login protection by 70%.
- Refined access control and request handling workflows, improving reliability and reducing authentication failures by 50%.

ACHIEVEMENTS

- Secured All India Rank in CDAC C-CAT Exam (Top percentile)