

# Aayush Patel

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## EDUCATION

### MEDI-CAPS UNIVERSITY

#### B.TECH IN COMPUTER SCIENCE

Aug 2017 - Jul 2021

CGPA: 6.68/10

Indore, India

### ST JONES CONVENT

INTERMEDIATE, 2017

Percent: 65.00 %

MATRICULATION, 2014

Percent: 70.00 %

Khandwa, India

## SKILLS

### PROGRAMMING

- C • C++ • Java • JavaScript
- MySQL
- Problem Solving

### TECHNOLOGY

- Spring (Core, DI, AOP, MVC, Web-Service, Boot, Security) Framework,
- Microservices • Kafka
- Angular • React
- Kubernetes • Quarkus
- RabbitMQ • Docker

## LINKS

Github:// [aayushpatel](#)

LinkedIn:// [aayushpatel](#)

StopStalk:// [aayushpatel](#)

HackerEarth:// [aayushpatel](#)

LeetCode:// [aayushpatel](#)

## COURSEWORK

### GRADUATE

- OOPS • Data Structures
- Design and Analysis of Algorithms • DBMS
- System Design
- Computer Networks

## LANGUAGE

English

Hindi

## EXPERIENCE

### TAVANT TECHNOLOGIES | SOFTWARE ENGINEER

Aug 2021 - Present | Bangalore, India

- Currently working in a full stack role for Tavant's mortgage lending product 'Velox NextGen'
- Managed a complex project from start to finish and handled all integration for various microservices
- Created the project's main microservice data repository single-handedly
- Honoured with the "Software Engineer of the Quarter" Award for "Excellence in Delivery" for communication and rapid problem resolution

### Cyber Infrastructure (P) Ltd | SOFTWARE ENGINEER INTERN

Jan 2021 - Apr 2021 | Indore, India

- Contributed to the architectural design of the open-source project Idea2App
- Worked on infrastructure compliance management using Ansible.
- Key technologies worked on involve Java, AWS, Docker, Kubernetes, Ansible and REST APIs

## PROJECTS

### Citi Bank | MIGRATING KUBERNETES APPLICATIONS

- Developed microservices using Java and Spring Boot framework to build a highly scalable and fault-tolerant Internet Banking platform, handling millions of transactions per day.
- Implemented secure communication between microservices using OAuth2 and SSL/TLS protocols, ensuring data privacy and integrity across the system.

### Simultaneous Viewing Limit System | APACHE KAFKA & REDIS

- Developed a distributed system for limiting simultaneous views of a video using Apache Kafka allowing users to watch videos without overwhelming the server.
- Utilized Redis as a cache to store the number of current viewers and track how many viewers were currently watching the video, providing real-time updates on available view slots.
- Implemented a scalable solution that could handle large numbers of users by horizontally scaling the microservices and deploying them on multiple servers, ensuring that the application could handle high traffic loads

## ACHIEVEMENTS

- Won Codelt programming competition organized by computer science society of India
- Ranked in Top 0.6% (6 Star) in Problem Solving on HackerRank.
- Solved 1000+ Data Structure & Algorithm problems on various platforms.

## CERTIFICATIONS

- AWS Academy Graduate - AWS Academy Cloud Foundations
- Problem Solving (Advanced) Certificate
- IBM Blockchain Foundation Developer V2
- Angular (Intermediate) Certificate