

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
- Honored 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
- 6 star rating in Problem Solving on HackerRank.
- Solved advanced 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 [↗](#)
- Soft skill certification by face preparation in Jan 2020