

Yash Dhingra

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Education

B.Tech YMCA University of Science and Technology, Information Technology

Faridabad, Sept 2017 - June 2021

- Completed comprehensive coursework in algorithms, data structures, and software engineering fundamentals.

Experience

Samsung, SDE-1

Noida, India May 2022 - present

[Content & Application Engineering]

- Designed and implemented a scalable, fully automated quality control workflow for Video-On-Demand and live streaming, ensuring robust validation using RESTful APIs and cloud integration.
- Led end-to-end architecture, including backend infrastructure, database management, and CI/CD pipeline implementation on AWS (EC2, Lambda), resulting in a significant improvement in system availability and performance.
- Developed secure, real-time synchronization services in C++ utilizing WebSocket, JWT, and OAuth, demonstrating strong grasp of design patterns and secure coding practices.

Projects

Sahyog App

Jan 2023 - present

A scalable platform focused on enhancing digital media delivery and user experience.

- Developed a comprehensive platform integrating secure RESTful APIs and real-time data exchange to support digital media applications.
- Utilized Python, Flask, and SQL to build maintainable code bases with robust error handling and seamless front-to-backend integration.

Skills

Programming Languages and Frameworks: Java , Spring boot , Python, C++, Go, Flask; strong understanding of design patterns, RESTful API development, and cloud services (AWS), SQL, NoSQL

Software Engineering and DevOps: Experienced with CI/CD pipelines, version control (Git), automated testing, Swagger , Postman, Workbench and best practices in full software development lifecycle

Awards

- UPMS and stellar award from the last 2 years at SRI-Delhi.
- Best Growth Project Award for 2024-25.
- AWS Certified developer -2023
- SWC Professional cleared , Samsung