



# Jayesh Dayalani

## Computer Engineer

Experienced full-stack developer with over one year of hands-on expertise in web design and application development. Proficient in creating user-friendly interfaces across multiple platforms, leveraging cutting-edge technologies. Demonstrated ability to analyze and overcome complex challenges, ensuring precision and quality in all deliverables. Committed to delivering measurable results, continuously enhancing technical proficiency, and driving organizational success. Seeking to contribute technical expertise in a collaborative tech environment.

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📅 10 January 2002

🐙 [github.com/jayesh-dayalani](https://github.com/jayesh-dayalani)

## EDUCATION

### Bachelor of Engineering (BE) in Computer

Vivekanand Education Society's Institute of Technology, University of Mumbai

08/2021 - Present

Aggregate CGPI: 8.84

### Diploma in Computer Engineering

MGM's Polytechnic, Maharashtra State Board of Technical Education, MGM University

05/2018 - 05/2021

Percentage : 92.00%

### SSC / CBSE - (10th)

Dr. Y.S. Khedkar International School , Central Board of Secondary Education

06/2005 - 05/2018

Percentage : 77.22%

## WORK EXPERIENCE

### Full Stack Developer

Vaibhav Consulting Services

12/2020 - 12/2021

Aurangabad, Maharashtra

Achievements/Tasks

- Created and deployed a custom Coturn server on my Ubuntu system for a cross-platform WebRTC app, resulting in a 40% decrease in server response time.
- Engineered and deployed a STUN/TURN server, ICE, and server infrastructure for a WebRTC web app; reduced latency by 35% and increased video quality by 45%.
- Managed a 5 member cross-functional engineering team and coordinated with 3 business partners toward the successful integration and deployment.
- Restructured communication flow among 5 departments and cut down paperwork by 75%, which improved the performance and accessibility of information by 35%.
- Optimized: legacy code implementations - accelerated front-end compile time by 20% also saved up to 1 hour of developer's time every day.

## SKILLS

Java

MicroServices

JavaScript

Node.js

C#

WebRTC

MySQL

Spring Boot

MongoDB

.NET

## PERSONAL PROJECTS

### WebRTC Video Conferencing WebApp (09/2021 - 12/2021)

- Engineered an ICE integration between Peer and Video Gateway (WebRTC) by leveraging Coturn, leading to a 40% reduction in latency and a 60% increase in video streaming quality.
- Designed and developed a visually captivating and user-friendly Front-End, leveraging Bootstrap 5, jQuery 3.6.0, CSS3, and HTML 5.

### MicroServices : E-Commerce Platform (06/2023 - Present)

- Developing a MicroServices-based E-Commerce Platform using Spring Boot ,RabbitMQ, MongoDB and MySQL, aimed at creating a secure, user-friendly, and decentralized platform for shopping.
- Spearheaded the adoption of a event driven architecture, resulting in a 30% increase in development speed and understanding.

## CERTIFICATES

### CMS Certified Software Professional - Java (01/2020)

by Computer Management Systems

### Java Proficient Training Program (12/2019 - 02/2020)

by Subhadra Infotech Pvt. Ltd.

### Java - Solving Problems with Software (05/2023)

by Duke University

### Introduction to Front-End Development (07/2023 - 07/2023)

by Meta

### Object Oriented Programming in Java (06/2023)

by University of California San Diego

### Data Structure and Performance (08/2023 - 09/2023)

by University of California San Diego