

Jaykumar Patel [Software Engineer]

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SUMMARY

As a Software Engineer with two years of industry experience, I specialize in crafting high-quality software solutions. I am a result-oriented individual who ceaselessly seeks self-improvement and encourages the same in others through the exchange of constructive feedback. My collaborative approach enables me to work effectively with diverse teams, driving projects towards success. I am passionate about utilizing my technical skills to unravel complex problems and create innovative solutions.

WORK EXPERIENCE

Tata Consultancy Service

Systems Engineer

February 2021 – December 2022

Skills: Microservices, Java (Spring Boot framework), MySQL Server, ReactJS, Node JS, Git, Postman, API development, Hibernate ORM.

- Engineered a robust, scalable, and secure web application in the AWS cloud, serving over 100,000 users per month and increasing customer retention by 25%.
- Revamped old application architecture into modern Java and Node JS Microservices, improving performance and reliability by 40% and reducing operational costs by 30%.
- Extended Spring Boot framework and Node JS framework to build highly extensible, modular, and testable Rest APIs, ensuring compatibility and interoperability with various clients and platforms.
- Crafted an intuitive, functionally complex, visually appealing, and user-friendly interface using ReactJS, and emphasized unit testing of code using Jest framework, achieving 90% code coverage.
- Ensured system security by building a robust Authentication mechanism using JWT tokens for role-based access control of the resources, preventing unauthorized access and data breaches, and complying with the latest security standards and regulations.

Canadian Tire

Sales Associate, Auto Parts – (Part-time)

February 2023 – present

- Developed good people skills and gained firsthand Canadian work culture experience, enhancing my communication, teamwork, and problem-solving abilities.

EDUCATION

Humber College

Information Technology Solutions, GPA 3.7/4

Toronto, ON, CA

University Of Mumbai

Bachelor Of Mechanical Engineering, GPA 8.4/10

Mumbai, India

CERTIFICATIONS

AWS Certified Developer Associate (AWS DVAC02)

- Credential/validation ID - BRLFKBo2VEVE1GGH
- Verification URL - <https://aws.amazon.com/verification>

SIDE PROJECTS

SecureShare

<https://github.com/JaykumarPatel1998/Node-Express-Mongo-Typescript-Project>

- Built a secure cloud file storage and sharing solution that leverages pre-signed s3 URLs to limit third-party access to your files.
- Used AWS s3, MongoDB, Typescript, Node JS, Express, and EJS Templates to develop a full-stack web application with a user-friendly and responsive interface.
- Generated temporary links for the files, which expire after a specified time and can only be accessed by authorized users, ensuring data privacy and security.
- Leveraged vector embeddings to include semantic search in application for all text files.

VideoChat-io

<https://github.com/JaykumarPatel1998/videochat-io>

- Capitalized on Web RTC API to create a client-to-client video conferencing application.
- Firebase was used as a signaling server to establish an initial handshake between the clients.

SKILLS

- Frontend: HTML, CSS, JavaScript
- Backend: Java Spring Boot, Node JS, AWS, Docker
- CICD: Git, GitHub Actions, Azure DevOps, AWS CodeCommit