

JOYAL SHAH

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Summary

- Mastery in developing **single-page web applications** using open-source UI components
- Expertise in **MERN** stack, REST API, and **Object Oriented Programming**
- Upload programming videos on YouTube channel named '**IT buddies**' (91k+ views)

Education

Concordia University

Master of Applied Computer Science

2022 - 2023

Montreal, Canada

Technical Skills

Programming Languages: JavaScript, TypeScript, Python, Java, C++, C

Web Technologies: HTML, CSS, Bootstrap, Material UI, Tailwind, JSON

Frameworks: React, React Native, Next.js, Vue.js, Node.js, Express, Laravel

Databases: SQL (MySQL), NoSQL (MongoDB, Firebase)

Cloud Technologies: AWS, Microservices, Docker

Project Management: SDLC, Agile, Scrum, JIRA, Slack, GitHub, Bitbucket

Developer Tools: VS Code, IntelliJ, Webpack, Electron, Postman, Vercel, Netlify

Languages Spoken: English, French, Hindi, Gujarati

Experience

Full Stack Developer

January 2022 – June 2022

Sanatan Tech Innovations | Vue.js, Next.js, Vuex, Node.js, MySQL

Ahmedabad, India

- Developed web applications with precision, utilizing **Vue.js** and **Next.js** to create a dynamic and responsive user interface. Honed expertise in front-end web development and sharpening skills in **TypeScript**.
- Mastered server-side development with **Node.js** for robust functionality and employed **Express** for streamlined web server management. Managed and optimized data interactions with the **MySQL** database.
- Successfully optimized application performance by leveraging **Vuex** to centralize and manage the application's state, resulting in improved load times and reduced latency by **20%**.
- Played a crucial role in addressing technical debt by implementing **SonarQube**, leading to improved code quality and long-term maintainability.
- Acquired proficiency in **Figma**, a design and prototyping tool, facilitating effective collaboration between the design and development teams resulting in a more cohesive and visually appealing **user interface**.
- Collaborated with **QA** teams to test and **fix bugs**, bring up cross-functional coordination with frontend and backend developers for a smooth development process.
- Demonstrated effective task and sprint management using **JIRA**, used **Git** to ensure version control, and contributed to **problem-solving** discussions to promote workflow efficiency.
- Actively engaged in **Agile** development practices, participating in daily stand-ups to foster teamwork and achieve project milestones.

Projects

MoviesApp | Individual | *React, React Context, Tailwind CSS, TypeScript, Bootstrap*

November 2023

- Developed an interactive movie website using **React**, featuring seamless navigation with **React Router**.
- Utilized **React Context** for efficient state management, enabling users to manage and retrieve favorite movies easily.
- Designed an attractive and user-friendly interface using **Tailwind CSS**, **TypeScript**, and **Bootstrap**.
- Integrated **TMDB API** to offer users access to a comprehensive movie database.

E-Commerce Web API | Individual | *Node.js, Express.js, MongoDB*

August 2023

- Created a comprehensive **back-end API** to power an online platform for buying and selling products.
- Utilized the **Node.js** runtime environment to ensure high-performance server-side operations.
- Utilized **Express.js** for responsive HTTP request handling and implemented the latest **ES6** and **ES7** features.
- Employed **MongoDB** for efficient data storage and enhanced database performance with advanced **Mongoose** queries.
- Implemented strong security and user authentication with **JSON Web Tokens** and Cookie-based authentication.

Signal App Clone | Group | *React Native, Flux, React Hooks, Firebase, Material UI, Expo*

May 2023

- Created a popular Signal App Clone using **React Native**, allowing users to chat, create groups, and add profile photos.
- Implemented **Flux** for efficient state management and **Firebase** as the backend for seamless **real-time messaging**.
- Designed an intuitive pop-up interface using **React Hooks** to consistently add new chat users.
- Utilized **Material-UI** for visually appealing icons and ensured **cross-platform** compatibility through **Expo**.