

# Jack John

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Located in Vancouver, BC

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*Skills: HTML, CSS, JavaScript, Node.js, React, Angular, Git, GitHub, Trello, Jira, Postman, Bash scripting*

## Education

Langara College – Diploma in Computer Studies

Jan 2020 – May 2022

## Work Experience

### Full Stack Developer at Quest Software

May 2022 – Present

- Improved load time and API requests by 35% by optimising data processing, reducing unnecessary database queries and rewriting fetching logic with asynchronous programming.
- Followed design specifications to create an internal dashboard using React and Chakra UI, collaborating closely with marketing account managers to reduce manual work by 65%.
- Developed and unit-tested key functionalities using React and Spring Boot with an international team across different time zones to cover 80% of code written to improve automation for development.
- Created CI/CD pipelines for database access layer repos using Maven and Jenkins for quality control and simplified deployment.

### Software Developer Intern at Quest Software

May 2021 – August 2021

- Designed, and implemented responsive, customizable, and modular front-end components using React and TypeScript, ensuring their reusability across different features.
- Built modular and scalable GraphQL schemas for microservices, integrating multiple microservices into a single GraphQL API while ensuring data consistency and careful management of schema versioning and compatibility.
- Optimized performance issues in existing backend systems, such as database queries and docker commands to increase build performance by 40%.

## Previous Personal Projects

### **Prattle** – Full stack instant messaging application

- Made using Angular, Flask and MongoDB for storing user messages.
- Collaborated remotely with two other group members.
- Integrated Auth0 for user authentication and authorization.
- Kubernetes was used to set up a development environment for the project.
- Implemented Socket.IO to establish real-time communication between client and server.

### **Tuned** – Play content from YouTube and SoundCloud without any ads

- Made using React, Redux, and Styled-Components.
- Application state for media control and playback was managed using Redux Toolkit.
- Developed data fetching/saving feature from a relational database using RTK Query.
- Implemented the feature to edit the metadata of songs and generate permalinks for your playlists.

### **Demo Reel Showcase** – Portfolio website to highlight demo reels and pictures

- Freelance project built with Next.js for a client.
- Built a custom backend to ensure images were delivered with the desired quality.
- Configured Amazon S3 to securely deliver files with low latency over CloudFront CDN.