



Full-stack developer with 4 years of experience building products and contributing to open source.

Skills & Attributes

Technologies: Node, Express, React, MongoDB, SCSS, Nginx, jQuery, React Native, and iOS

Languages: JavaScript, Python, Java, Swift, Bash, C, and Assembly (ARMv8)

- Extensive experience with user-facing and server-side technologies to create web applications
- Substantial networking knowledge of REST APIs (Postman), NoSQL, Google Cloud, and Firebase
- Adept at working in UNIX environments and using Git as version control
- Full working proficiency in English, limited working proficiency in French

Work Experience

Full-stack Software Engineer

Royaltymine | January 2020 – Present

- Worked with MongoDB (Mongoose), Express, React, Redux, Stripe, Bootstrap, Node, and Redis
- Helped develop an in-house subscription/invoicing system and used Stripe to manage payments
- Built a video creation and processing pipeline using FFMpeg to generate promotional content. Offloaded core functionality (audio/video encoding and streaming) to a Google Cloud Function
- Proposed and led the redesign of the platform to help revitalize Royaltymine's brand identity. Successfully increased user conversion rate by more than 15% on the landing page
- Impacted thousands of artists, fans, and investors with features I built

Developer & Designer

Google Code-in | December 2017 – February 2018

- Developed small web-apps for various organizations participating in Google Code-in
- Designed illustrations and logos to create brand identities for the same organizations
- Utilized Node, ES6 JavaScript, jQuery, and Bootstrap. Learnt about working with REST APIs and version control

Full-stack developer & UI/UX Designer

Freelance | August 2016 – Present

- Developing web and mobile applications for clients and small businesses to help establish their online presence. Designing modern user interfaces, illustrations, and logos.
- Regularly utilizing Node, Express, React, MongoDB, Python, Swift, Sketch, Figma, and UNIX

Projects Highlight

socketChat – A beautifully designed, secure chat application built using Node and Socket.io. Learnt how to establish bilateral communication between a server and its clients in real-time

Face Recognition – A Python 3 program which can learn and recognize your face using the webcam

- Result of my extensive research in computer vision, built for my final year high school project

Education

University of Calgary, Computer Science

Spring 2022

- Relevant courses: Algorithm Analysis, Data Structures, Discrete Math,
Linear Algebra, Computer Machinery, Statistics, Formal Logic

Sir Winston Churchill High School, AP Computer Science

June 2018

- Achieved Canadian Computing Competition Distinction — placed top 25% in Canada
- Awarded Alexander Rutherford Scholarship