

Abdullah F. Khan

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

Skills & Attributes

Technologies: Node, Express, React, MongoDB, GraphQL, Postgres, SCSS, Gulp, Nginx, Netlify

Languages: JavaScript, Python, Java, Swift, Bash, C

- Extensive experience with user-facing and server-side technologies to create web applications.
- Substantial knowledge of REST & GraphQL APIs, NoSQL, Google Cloud Platform, 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 – October 2020

- Worked with MongoDB (Mongoose), Express, React, Redux, Stripe, Bootstrap, Socket.IO, and Redis.
- Helped develop an in-house subscription/invoicing system and used Stripe to manage payments.
- Built a video creation & processing pipeline using FFMpeg to generate promotional content. Offloaded core functionality (audio/video encoding and streaming) to a Google Cloud Function.
- Helped build streaming widget tools to increase fan engagement for artists during live streams.
- Proposed and led the redesign of the platform which resulted in an increased user conversion rate on the landing page.

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.js, jQuery, and Bootstrap. Learnt about working with REST APIs and Git.

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. Learned 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, Computing Machinery, Statistics, Formal Logic, Data Science