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

Jr. Software Developer
VidDay | November 2020 – Present
VidDay is a sustainable and eco-friendly solution that makes it easy to collaborate on a surprise video montage made with friends and family as a memorable gift for any special occasion.

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. Learned how to work with REST APIs and Git.

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