

Vikram Rao



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Washington DC



EXECUTIVE SUMMARY

- Highly adaptable software engineer and a generalist with a diverse tech stack from front-end to computer vision and back end development.
- Proficient in leveraging web and cross platform development tools for mobile and desktop applications.
- A divergent thinker with the temperament to assimilate recent technologies and frameworks.



EXPERIENCE

Frontend Engineer Devtech systems

March 2020 - Present



- Redesigned and overhauled the monitor software from the ground up.
- Designed and implemented automatic local database (scanner image database and sqlite database) updates that are separate from app updates.
- Created the search page UI for the website with integration to the backend for fetching the search results.

Full-stack Engineer Varathon

July 2018 - October 2019



- Developed the scanning technology from scratch using the OpenCV framework with an accuracy of 95% over 15000 image artworks.
- Integrated pricing API into the app for daily and automated pricing.
- Developed a system for cloud storage that uploads and store user collection.



SKILLS

- **Programming languages** : *Javascript, Python, C, C++, Swift, Objective-C, SQL, Java, HTML, CSS, Ruby*
- **Web Development** : *React, Redux, REST APIs, Ruby on Rails, REST APIs, Node.js, Express, Firebase, AWS Lambda, Flask, GraphQL, PostgreSQL*
- **Mobile Development** : *React Native, XCode, Android Studio, SQLite*



EDUCATION



MS *Computer Engineering*

August 2016 - May 2018

University of Central Florida Orlando, FL, USA



BS *Electronics and Communication Engineering*

July 2012 - June 2016

PSG College of Technology Coimbatore, TN, India



PERSONAL PROJECTS