Vikram Rao

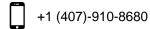+1 (407)-910-8680   Washington DC   vikramrao512@gmail.com

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   **March 2020 - Present**

Devtech systems , Washington DC

- 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 | Co-Founder   **July 2018 - October 2019**

Varathon , Berkeley

- 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 PORJECTS

Portfolio Website

- 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.