Mehtab Randhawa
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Education
University of California Davis — BS, Computer Science 2020

Profile
I am a new graduate looking for development roles for either front-end or back-end development. I have firsthand experience in web development and data visualization. Further posing a vast technical background in Imperative Programming, good comprehension of object-oriented programming, and knowledge on how to optimize code with Data structures and recursive practices.

Skills

Proficient Languages: JavaScript, Python, HTML5, CSS
Familiar Languages: C++, Swift, React.js, Angular.js
Python Development: Python 2/3, Django, Flask, Keras
Back End: Azure Functions, CLR, IBM Cloud, AWS Code Services, Node.js
Databases: SQL, MS SQL Server, NoSQL, PL/SQL
DevOps/SDLC: Git, GitLab, SVN, Agile, Scrum

I have familiarity with developing microservices, creating data tables, and creating REST API's in Node.JS. My experience on the back-end further consists of integrating third-party APIs with webservers. My knowledge of how to build front-end applications in React.JS, as well as HTML5 and CSS is prevalent. Pulling and pushing code to git repositories is a familiarity to me. I helped deploy applications onto AWS, IBM, and Azure clouds. I have hands-on experience in developing applications in an Agile framework and have used CI/CD deployment tools.

Projects
Scheduler Micro-Service, Node.js/Angular.js
While working at my previous internship, I designed a scheduler micro-service. The objective of this micro-service was to help schedule any pending orders with a driver's schedule. This micro-service consisted of its scheduler data table in MongoDB, and a variety of HTTP request that would add, update program and plan to the proper order. The development team eventually took this micro-service and deployed it on production.

Zira Solution Corporate Website, React.JS (in-progress)
I redesigned Zira Solutions website from HTML into React.JS. I first designed the application in Figma with wireframes for this client, and with their feedback I am currently coding the JSX (HTML & Javascript) as well as CSS. The progress on the project can be seen in my GitHub, and will soon have a delieverd product. I will eventually be deploying this application utilizing a AWS ECS2 instance.

Yearbook Project, Node.js/React.Js
Desiging a yearbook web application for UC Davis Class of 2020, whom were affected by the Corona Virus. The application allows 2020 Graduates to sign up and create their own user session, utilizing the SQLITE3 node module. The yearbook also allows users to post bios and photos of themselves which they can view on the feed utilizing the same database. The feed is being designed in React.JS and allows user to filter post by their college, gender, and major.

Experience
Summer Internship Full-Stack Developer at ITBoons – 05/2019 – 08/2019
I got the opportunity to work on MongoDB, Hapi.JS, Angular.JS, and Node.JS stack. I gained experience in writing micro-services that talk to a Uber and Lyft's third-party APIs in JavaScript—further developing the skillset to write CRUD operation for RESTful APIs and create data models in node.js. I gained experience in developing front-end webpages in Angular.JS and HTML5. This internship was significant in developing fundamentals skills in full-stack development and taught me how to work on large scale applications utilizing an agile framework.

Winter Internship Data science intern at Zira Solutions – 09/2018 – 12/2018
I have worked on developing applications for a company called Translarity to analyze their online presence by calling Twitter API. Using Panda and Matplotlib packages, I put data into data frames and projected graphs. I also implemented Python's Keras package to apply linear regression on CSV files to forecast the company's expected growth.