Cameron Cobb
Software Developer

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LinkedIn
GitHub
GitLab

Summary:

I am currently a contract software developer for SaaS companies and industrial manufacturers in the Reno/Sparks area. Progress driven with the ability to learn quickly in a rapidly changing environment who loves writing scalable and quality code, contributing to open source projects, and collaborating with other developers. Seeking a full-time software development/engineering position and work on building bigger projects.

Skills & Technologies:

- JavaScript, jQuery, Node.js, Python, C, C++, REST APIs, HTML, CSS/SCSS, Bootstrap, Material-UI
- Django, Flask, Vue.js, React.js, Quasar, Cordova, Express.js, Dash by Plotly, WordPress
- SQLite3, MySQL, Microsoft SQL, Firebase, MongoDB
- Embedded systems (SPI, UART, I2C, microcontrollers, Raspberry Pi, etc.), Mosquitto (MQTT)
- Git, Amazon Web Services (AWS), VS Code, SSH

Experience:

CONTRACT SOFTWARE DEVELOPER

Jul 2017 – Present | Reno/Sparks, NV & Remote

My contract work mostly involved working with industrial manufacturers in the Reno/Sparks area and SaaS businesses. Tasks included programming embedded systems like microcontrollers and Raspberry Pi to collect sensor information from machines, compute data, and have the data stored into their local database for analysis. A webserver was implemented to a client to view the data from the machines in real-time. Other contract work included applying SOLID principles for large codebases to enable better scalability and readability. Later, I got involved with more web-based contract work designing and building full-stack web apps or debugging and scaling existing apps.

Technologies used:

Vue.js, React.js, Quasar, JavaScript, Python, C, C++, SQLite3, Microsoft SQL, Express.js, Dash by Plotly, HTML, CSS, Mosquitto (MQTT), Embedded systems

CONTRACT IOS & ANDROID APP DEVELOPER

Jun 2019 – Present | Remote

I have expanded my skillset to develop IOS and Android apps. I have been contracted out to help build, redesign, and improve 2 complex apps with large codebases (+20,000 lines of code). MyBarView which was on the Google Play and Apple App Store is one of them. My job is to redesign the apps to make them feel more native, introduce more efficient algorithms, minimize calls to the database, and apply SOLID principals to for scalability and better code readability.

Technologies used:

Vue.js, Vuex, JavaScript, Firebase, Cordova, Quasar, HTML, CSS/SCSS, Google Maps API

SOCIAL NETWORK ELITE, LLC | WEBSITE & ACCOUNT ADMINISTRATOR

Aug 2018 – Present | Remote

My job is to setup trial accounts, respond to customer emails, manage and hire virtual assistants, and build tools to track progress of customer accounts. The tools I built utilized Selenium and various Python libraries to scrape customer accounts, competing accounts, and keep track of growth for customers. Every quarter, I would audit www.socialnetworkelite.com to make sure the site would load quickly, there were no broken links, and make sure the SEO was on par with other competition. The site receives an average of 50,000 visits per month.

Technologies used:

Python, Selenium, WordPress, HubSpot, Constant Contact

Accomplishments:

- Fall 2018 UNR Hackathon 1st place winner (Awarded by Fox Optimization, Inc.). Built a complete restaurant management tool that was used to keep track of available seats, required waiters/waitresses in order to fulfill X amount of seats, keep track of inventory, project expenses, etc. Built completely with Python with a Tkinter GUI.
- Fall 2019 UNR Hackathon 3rd place winner (Awarded by Bently Nevada). Built a Piano learning web app that introduced machine learning algorithms to improve the users learning performance. Built with React.js, Express.js, TensorFlow, and Material UI.
- Continuing to amass over 1.5 million views to date and over 4400 subscribers with programming and circuitry videos on YouTube.

Education:

UNIVERSITY OF NEVADA, RENO | BACHELOR OF SCIENCE, COMPUTER SCIENCE

Reno, NV
Cumulative GPA: 3.62

UDEMY.COM

Quasar Framework: Cross-Platform Vue JS Vuex & Firebase Apps
Technologies taught:
JavaScript, Vue.js/Vuex, Quasar, Cordova

The Web Developer Bootcamp
Technologies taught:
JavaScript, Node.js, HTML, CSS, REST API, MongoDB, Git, Bootstrap 3 – 4, AWS, Git

Python for Data Structures, Algorithms, and Interviews!
Technologies taught:
Python, Jupyter Notebook

The Complete JavaScript Course: Build Real Projects!
Technologies taught:
JavaScript

SOLID Principles: Introducing Software Architecture & Design