Azeem Sweis

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OBJECTIVE
Seeking an opportunity to contribute in a cooperative environment on medium and large scale projects.

CORE SKILLS
Primary: HTML5, CSS3, Javascript, React, Node.js, Bootstrap, npm, git, RESTful APIs
Secondary: TypeScript, express.js, MongoDB/mongoose, AWS EC2, AWS Amplify, AWS S3, JSON
Soft: Agile Methodologies (Scrum, Kanban), Object-Oriented Programming, UNIX/UNIX CLI

EDUCATION
University of Nevada, Reno — Reno, Nevada
B.S. Computer Science and Engineering — May 2020

WORK EXPERIENCE
Software Engineer - Contract — Oakland, CA/Remote
The Petra Building — Nov 2020 − Mar 2021

- Built a single-page commercial building website using HTML, CSS, Javascript, and Bootstrap.
- Implemented an interactive map utilizing Google Maps API.
- Maintained efficient timeline by creating drafts, mock-ups, and meeting with employer frequently.
- Ensure proper SEO practices to allow websites to be picked up by web crawlers.

Software Engineer - Contract — Las Vegas, NV
HS Global — Jul 2020 − Nov 2020

- Developed a landing page that showcases a bookkeeping business
- Collaborated with employer frequently to ensure that requests were implemented to specifications and adaptations could be made in a timely manner.
- Created cookies to track the number of page visits.

PROJECT WORK
Senior Capstone - EMBR(Electronic Medical Blockchain Records)
- Senior Team Project that facilitated medical record transactions through an immutable Ethereum blockchain.
- The team's tech stack consisted of webpack, Trufflesuite/Ganache, Solidity, react.js, JavaScript, HTML, and CSS.
- Individual responsibilities included researching and implementing dependencies, applying webpack packages, creating the HTML, CSS, and Javascript framework, and developing some Solidity smart contracts.

C++ Compiler Creation
- University course project done with a team of two others to create a compiler from the ground up.
- Utilized Lex to tokenize the given C++ input to be parsed by Yacc, which checks if the now tokenized input follows the specified grammatical rules.
- Required extensive use of regular expressions and formal languages to correctly define the proper method to tokenize and parse the C++ code to be compiled.

Twitter Weather Bot
- Developed a Twitter bot that reports the weather conditions in Las Vegas every 12 hours.
- Utilized Twitter and OpenWeatherMap APIs to properly tweet the weather forecast at the given interval and receive weather forecast information from OpenWeatherMap, respectively.
- Employed JSON parsing to extract necessary information from OpenWeatherMap API.

Blog Website
- Created a blogging website that dynamically creates new pages for entries made through the website itself.
- Applied EJS to inject extracted entries and dynamically create new webpages for entries.
- Worked with npm packages such as express, body-parser, ejs, and lodash.