

# Azeem Sweis

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## OBJECTIVE

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

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## 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

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## EDUCATION

**University of Nevada, Reno**

*B.S. Computer Science and Engineering*

Reno, Nevada

May 2020

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## WORK EXPERIENCE

**Software Engineer - Contract**

*The Petra Building*

Oakland, CA/Remote

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.
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## 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.

**Bookkeeping Website**

- Developed a landing page that showcases a bookkeeping business
- Utilized HTML, CSS, JavaScript, and Bootstrap to develop the landing page.
- Created custom cookies to track the number of page visits.
- Used git to practice version control when developing new features or making updates to the website.

**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.

**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.

**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.