Samuel Queen

LinkedIn | Github | Portfolio

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Professional Summary

Full-Stack Developer with a Bachelor's Degree in Computer Science and experience designing unique solutions using React, Node.js, and AWS. Passionate about building scalable user-centric web applications and growing as a developer.

Education

Bachelor of Science in Computer Science,   December 2023
Arizona State University   Tempe, AZ

Experience

GBCS Group   Remote, United States

Frontend React Developer Intern   August 2024 - December 2024

- Led a team of nine developers in the development of a web application, ensuring collaboration, strict deadlines, and adherence to project standards and goals.
- Integrated RESTful APIs and third-party services to render dynamic content, improving data accessibility and user experience across multiple platforms.
- Optimized a React web application, reducing page load times by over 500% and significantly enhancing user experience and performance.
- Collaborated with the product owner to clarify project requirements, gather feedback, and assist in creating and prioritizing the product backlog, ensuring alignment with business goals and improving project delivery.

NASA Ascend Phoenix College   Phoenix, AZ

Software Engineer Intern   August 2020 - May 2021

- Improved communication reliability and data collection by developing software to parse APRS data, providing real-time communication with the payload during its 100,000 foot flight in the atmosphere.
- Improved tracking accuracy by developing software that directed an Arduino-controlled satellite antenna toward the payload during its flight, increasing location precision by 26% and ensuring payload recovery.

Projects

Social Media Web Application

https://www.pictureper.com/   *React, Next.js, MySql, Express, Node.js, Tailwind, Typescript*

- Created an Instagram-based social media web application that allows users to create, comment, and like posts.
- Implemented real-time socket-based messaging between users.
- Implemented server-side rendering with Next.js to improve SEO, reducing rendering time by 40%.
- Stored user photos using Amazon S3 for scalable cloud storage.

General Dynamics ASU Capstone Project

Python, Flask, Netmiko, HTML, CSS, JavaScript

- Worked in a scrum team to create a system for simulating radio faults.
- Developed a user interface using Flask to control radio relays and display the tower's status and information.
- Engaged in unit testing to identify faults and optimize runtime performance.

Netflix Clone

GitHub Link - https://github.com/SamQueen/movie-app   *React, Express, Node.js, REST*

- Designed and developed a Netflix-like streaming service clone.
- Made REST API calls to TMDB (The Movie Database) to display an updated collection of the latest movies.

Technical Skills

Languages: C++, Python, Javascript, Typescript, HTML, CSS, MySQL, Java
Skills: Data structures, Algorithms, Database Design, Scrum, Agile, Front End Development
Tools & Tech: CI/CD Pipeline, Postgres, Prisma, GQL, Git, Postman, Sentry, Kafka, MongoDB
Frameworks: React, Next.js, Express.js, Tailwind, Bootstrap, Node.js
Dev Ops: Agile, Git, Docker, Heroku, Netlify, AWS