

Taanileka Maama

Phone: (360)536-5012 | Email: taanimaama.dev@gmail.com

<https://www.linkedin.com/in/taani-maama/> | <https://github.com/TaaniBravo> | <https://taani.dev/>

Experience

Software Development Engineer
Sinclair Broadcasting Group, Inc.
(Remote)

February 2022 - Present
Seattle, WA

- Developed a custom video processing server using FastAPI in Python, that listened via AWS SQS messaging to process requests integrating ffmpeg for backend operations.
- Enabled efficient generation of diverse video assets, including thumbnails, MP4 files, and clipped HLS videos, enhancing our company's digital media capabilities.
- Streamlined the video asset creation process, significantly reducing turnaround time and increasing output quality.
- Implemented advanced video processing techniques for optimized performance, ensuring high-quality results even under heavy load.
- Spearheaded the development of a live stream automation process using AWS Elemental Media Live, Media Package, CloudFront, and Media Connect, integrated within a robust JavaScript Express application.
- Led the development of a sophisticated TypeScript Express application, leveraging ActiveMQ messaging to automate the initiation and termination of live streams.
- Collaborated with the IT and broadcasting teams to align the streaming process with organizational needs, resulting in a highly responsive and adaptable streaming solution.

Web Developer
Sporcle, Inc.

August 2021 - February 2022
Seattle, WA (Remote)

- Developed an in-house survey tool (asks for a rating with a question, and the survey had a start and end date) to ask Sporcle Playlive teams during live events. Used MySQL for the data structures, Domvm and Javascript for the frontend along with WebSockets to communicate with the teams in real-time, and PHP for the backend.
- Revamped and developed (from scratch in this case) over 10 accessible desktop and mobile pages using a PHP backend, JavaScript (and jQuery), HTML, Domvm (React alternative), Stylus, and CSS frontend.

Full Stack Developer Teaching Assistant and Tutor
Trilogy Education/2U

June 2021 - February 2022
Remote

- Advise students during class time and office hours, update class GitHub repository, and take attendance.
- Coached 12 students to improve their foundational knowledge on both frontend and backend in 50 1-on-1 sessions for Full-Stack Web Development.

Education

Bachelor of Science, Computer Science: Western Govern University, Salt Lake City, UT

Jan. 2022 - Nov. 2023

Bootcamp Certificate: University of Washington, Seattle, WA

Sept. 2020 - March 2021

A 24-week intensive program focused on gaining technical programming skills in HTML5, CSS3, Javascript, JQuery, Bootstrap, Node Js, MySQL, MongoDB, Express, Handelbars.js & ReactJS.

Associates Degree in Business: Olympic College, Bremerton, WA
Overall GPA 3.7, Dean's Scholar

Sept. 2016 - April 2018

CompTIA Project+ Certification

Oct. 2022

Professional Certificate in Project Management.

Technical Skills

Languages: JavaScript, CSS, HTML, SQL, NoSQL, PHP, TypeScript, Java, Python, Terraform

Technologies: Node.js, React, Git, Perforce, Express, CSS Preprocessors (Sass and Stylus), AWS, Redis, Yarn, Spring, MySQL, MongoDB, PostgreSQL, FFmpeg, FastAPI