Alex Williams *Software Developer – El Paso, TX*

Website: https://alexwilliams.site   Email: work.alexwilliams@proton.me

Summary

Results-oriented Software Developer currently specializing in modern web development. Able to communicate technical details at a high level and work cross-functionally to achieve the best product. Seeking to take on new roles and opportunities to broaden my expertise in the industry.

Skills and Tech

Proficient in: Angular, SvelteKit, Java, Spring, Kotlin, .Net (Dot Net), C#, Python, TypeScript, JavaScript, HTML, CSS, Bootstrap, HTML Canvas API, Node, NGRX, GraphQL, WASM, Adaptive Media Streaming, Docker, SQL, Elastic Stack, API Design, RESTful, Data Visualization, Responsive Web Design (freeCodeCamp certification), Scripting, Leet Code/HackerRank/Data Structures and Algorithms (Intermediate Level), OWASP, and MS Office.

Education

El Paso Community College   El Paso, TX
AAS Renewable Energy Technology Systems   June, 2025 (Expected)

University of Texas - El Paso (UTEP)   El Paso, TX
BS Computer Science   June, 2014

Professional Experience

<u>UI Engineer</u> - SailPoint Technologies   Remote

April 2021 / February 2023

- Took Ownership of several Identity and Access Management (IAM) product area migration epics from requirements gathering to production deployment.
- Created custom **Angular** UI web components with integrated e2e tests (**Selenium, Cypress**), accessibility checks, internationalization, security, and responsive design in place.
- Triaged UI related issues during engineering on-call rotation to help minimize customer impact and improve system reliability.
- Deployed daily features and bug fixes to discrete customers in production via in-house feature flag controlled CI/CD pipelines.

<u>Software Developer Consultant</u> – SurgeForward   Remote

March 2019 / May 2020

- Worked closely with the development teams of client companies to help support their ongoing projects as well as new initiatives.
- Aided in the decision making of platform technologies (**Redis, Amazon Redshift, Kotlin**) and application architecture utilizing POCs and demos.
- Provided mentorship to junior engineers and colleagues by conducting pair-programming for development, testing, and debugging.

<u>Software Developer</u> – General Motors   Austin, TX

June 2014 / February 2019

- Was the project lead for a Data Visualization KPI dashboard for Customer Case Management to help reward Dealerships for improving upon key customer service metrics. This project involved writing custom widget components using: **HTML, jQuery, AngularJs, Angular charts, d3.js, Kendo UI, LESS CSS, Flexbox, and Bootstrap (front end) and fetching data from a .NET Web API and Oracle DB (backend)**. Dashboard widgets allowed for (near) real-time data visualization, responsive design, color contrast, and printing capabilities.
- Helped build dealer and consumer facing applications for inventory, insurance, and vehicle inspection processing.
- Supported and maintained several legacy applications, with the additional task of transitioning many onto new and modern platforms.
- Conducted technical workshop events for interdepartmental teams across GM.

Projects (Portfolio)

- **Band for Band**: A data visualization web-based music player utilizing the HTML Canvas API, Web Audio API, Tailwind CSS, SvelteKit, Docker, Node, and Fly.io.
- **Picasso**: A basic web-based canvas drawing app published as a Svelte library.
- **Flex Workouts**: A workout tracker web application using custom widgets to display fitness metrics and charts using d3.js, c3.js, and the HTML Canvas API.
- **Nostalgic TV**: A nostalgic-feel video streaming web app utilizing adaptive bitrate streaming, SvelteKit, Kotlin, Spring Webflux, Docker, Cloudflare.