William Arnold

Located in Mesa, AZ

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Software Engineer

Fullstack application developer with experience in enterprise systems and specializing in frontend development with a concentration in user experience and accessibility skills. As a highly responsible and accountable individual, I bring skills of proactive risk management and technical ownership that leads to exceptional products and favorable workplace culture.

Education

Arizona State University - Mesa, AZ

Bachelor of Science in Software Engineering (BSSE)

Professional Experience

Application Developer, May 2021 - Present, Marsh McLennan, Phoenix, AZ

Responsible for leading teams in building consumer insurance applications for clients and assisted in enhancing internal platforms. **Achievement Highlights:**

- Independently managed a full stack application through three phases of enhancements. I took on multiple agile roles during development to meet business needs. Enhancements were consistently completed quickly, allowing for excess time for exceptional testing and deployment.
- Updated internal frameworks to be accessibility compliant and built a proof of concept for an internal accessibility CICD quality gate.
- Led a team of frontend developers in a business to consumer application from the discovery phase through several phases of production releases. Throughout this project, I wrote user stories, implemented core functionality, managed the backlog, led standup calls, reviewed all PRs, and performed QA testing.
- I trained and supported new colleagues including fullstack developers, frontend developers, and scrum masters.

Fullstack App Developer Oct 2020 - May 2021, Ibiley Uniforms, Remote

Led a team in developing a metrics & administration dashboard incorporating legacy resources into a new SPA application using ReactJS, .Net Core, and Bulma CSS.

- Worked directly and presented progress regularly to the marketing manager at Ibiley to ensure business needs were being met.
- Assisted in implementing a variety of new features utilizing ReactJS and .Net Core: file upload, referrals, metrics tracking, delivery status tracking.

Skills

Typescript (Angular React, VueJS)

Javascript (Node, Express)

HTML/CSS (SCSS, Bootstrap, Bulma, Accessibility)

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Skills

Java (Springboot, JavaFX)

C# (.NET Core)

Agile (Scrum, Kanban)

Testing (Unit testing, Integration testing, Automation testing, Quality assurance)

Continuation Integration Continuation Deployment

UI/UX

Reactive & Mobile-first CSS

REST apis

Version Control Systems

Projects

Portfolio Website July 2023

- The website provides a more interactive and detailed look into my capabilities as a frontend web developer. The website is built in Angular with SCSS and a simple SPA approach. No styling framework was leveraged for this application allowing for completely self-built component look & feel. Angular Material was utilized for some of the HTML widgets.

Reverse Wordle October 2022, https://github.com/william-arn9/reverse-wordle

- This fun web game presents the user with a random letter of the alphabet which they can place into any slot in a 5 letter word. The goal of the game is to spell as many valid 5-letter words as possible out of three daily attempts. This application does not require a database to store user data, but rather leverages local storage to maintain the user's lifetime statistics right in their own device. An API integration is implemented to get English words and to validate if the user entered string is an English word.