Wes White

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Experience

Magenic Technologies — Senior Software Engineering Consultant (7/2016–present)

Sogeti — Software Engineering Consultant (2/2015–6/2016)

Education

Bachelor of Science — Texas A&M University 2015

Mays Business School — Management Information Systems

Expertise (~6 years of JavaScript experience)

JavaScript, TypeScript, React, Angular, RxJS, GraphQL, Node, CSS/SASS, Docker, testing (unit & integration), accessibility, security, git

Projects (*accomplishments in italics*)

EY - Senior Engineer - React, TypeScript, GraphQL, .NET/C#

International travel taxiblity software contracted for Microsoft. Integrated travel itinerary with global tax codes to calculate taxibility status and reporting for informed travel. Automated itinerary processing and manual itinerary . Audited for accessibility and internationalization. PowerBi reporting. Maintained npm component library to leverage reuse across EY and reduce a11y related inadequacies

First project delivered along with internal npm package for component library. Team a11y lead. Created a11y related acceptance criteria for UI deliverables and reviewed them in PRs. Designed and developed SSO authentication solution with JWT for client side of the app. Created delegation functionality for users to impersonate other users while performing action in the app. Fullstack development with GraphQL, .NET/C# microservices, Entity Framework and React frontend.

PricewaterhouseCoopers - Frontend Lead - React, PDFjs, .NET/C#

Machine Learning driven annotation engine for tax documents. App highlighted important information in PDF documents and associated them as a key/value pair. ML pipeline used key/value pairs to predict important information in bulk uploaded tax and audit documents. Built UI for annotating PDF documents in browser. Key/value pairs sent to ML pipeline to enhance training for predicting pertinent information in a given document. Heavily event driven UI. Heavy native DOM manipulation and traversal. Extensive use of core browser API.

Gained experience developing in a machine learning workflow. Gained significant

experience with PFDjs, DOM traversal, recursive traversal, and using the DOM to creatively hold state outside of React. Leveraged window selection functionality to create document highlights of text on a PDF displayed in a React app. Synchronized global app state with useContext, useReducer, useCallback.

Delta Dental - Team Lead - Angular

Benfits management tool. HIPAA compliant. Streamlined access multiple data sources. Allowed clients to manage their benefits across their company. Also allowed subscribers information about their plans and insurance coverage details. Integrated exsiting products. Modern, responsive UI.

Securely developed around sensitive personal information such as medical records and social security information. Utilized rxjs to synchronize async network calls and data merges. Built responsive header, sidebar, footer integrated into route guards and user roles.

Broadridge Financial - Team Lead - Angular

Financial report generation tool. Given a financial report template, the tool walks through mapping data sets to graphs. Once complete, the tool creates digital and hard copy financial reports for board meeting review. Integrated MorningStar stock APIs and client provided data migrations for reports.

Developed a pattern for creating templates that relate stock market and with company performance data with standard visual representations of that data. Users create reports graph by graph, selected what data sets to displays and what text would accompany the visual. Users could choose between standard text or customized text. Designed how to take a step by step process, send a JSON representation of that work to the backend where full reports were generated.

Sage Construction - Engineer - Angular

Project management software. Flagship product managing worksite project, tasks, hours, resources, employees. Mobile first design and implementation.

Large teams. Heavy legacy systems integration. High amounts of domain knowledge required for delivery

EY - Engineer - 2 projects in Angular, 1 in React

React, Sharepoint Built before Sharepoint supported React components.

Angular. Internal data management tool. Excel-like data manipulation features. Reporting/charting.

AngularJS, Sharepoint. Client tax project delivery management tool.

Aon Aviation - Engineer - React

Internal claims management tool.

Charles Schwab - Engineer - Angular

Project started during Angular beta. Flagship stock trading platform. Heavy data integration. Web sockets for stock price data. Integration with internal stock marketing trading APIs. Built user dashboard with stock tickers, portfolio analysis, customizable views. Mobile friendly.

First modern javascript app. Started with Angular beta. Built out frontend workflows and packaging with Gulp taskrunner. Created SystemJS tooling. First project using frontend unit testing.

Dell - Engineer - Angular, Salesforce
Client resourse management

First experience with web development. Learned responsive css with bootstrap. Small team with a strenuous backlog created a high pressure environment. This situation gave plenty of opportunity to learn how to build web apps. Diffcult project that enabled a large amount of personal growth in one year.

Interests
Rust, C#, functional programming, Python, blockchain, cryptography, Linux, wasm, VIM, data/ML, AGI