

Hayden Wade

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TECHNOLOGIES

DAY-TO-DAY COMFORT

- React.js, Redux
- Angular, AngularJS
- JavaScript, TypeScript
- HTML5, CSS3
- Node.js
- Enzyme, Jest
- Puppeteer, Protractor
- Terraform
- RESTful APIs
- C#, VB .NET
- Auth0
- MongoDB, Elasticsearch
- SQL, NoSQL
- Bootstrap
- Mobile First Design
- Socket.io

HAVE EXPERIENCE WITH

- Docker
- Alexa Skills
- AWS, Azure, Heroku
- CI/CD Pipelines
- Bing Maps
- Kafka
- ServiceStack

EXPERIENCE

FULL STACK SOFTWARE ENGINEER

Alula, St. Paul, Minnesota, September 2019 – Current

Architected and implemented new IoT data pipeline for organization using **Amazon MSK (Kafka)**, wrote Terraform automation scripts to deploy necessary infrastructure for both the Kafka cluster and consumer ECS cluster. Utilized **Terraform** to build new monitoring platform for organization, consisting of **Prometheus** and **Grafana**, hosted and deployed in AWS. Enhanced and maintained multiple responsive web applications for home automation and smart security platform. Designed, implemented, and tested conditional rendering pattern to facilitate higher application maintainability and scalability (**Angular** and **React** compatible). Enhanced and maintained **TypeScript** library to provide reusable code for multiple applications. Led security initiatives by planning, analyzing, and architecting solutions across web and platform teams. Worked with remote team to gain system knowledge and build proof of concept using **Ruby on Rails**. Built out initial patterns and code base for consumer web application using **React.js** and **Redux**. Migrated features to new smart security platform to retire old application. Enhanced CI/CD pipeline with automated deployments. Implemented chat bot to facilitate QA processes using the **Hubot** framework. Primary code utilization included React.js, Redux, TypeScript, Angular, JavaScript, Ruby on Rails, Postgres, Puppeteer, Enzyme, Jest, and Terraform. Amazon Web Services: ECS Fargate, MSK, ECR, EC2 (VPC, ALB, etc), S3, EFS, and CodePipeline.

SOFTWARE ENGINEER II - NAVISPHERE VISION TEAM

C.H. Robinson, Eden Prairie, Minnesota, January 2018 – August 2019

Enhanced and maintained eCommerce application that provides customers a view into their global supply chain. Organized and led team of 5 engineers to build custom **Alexa Skill** and presented it to c-level executives, received budget to expand voice app. Worked closely with data scientists to provide in-app predictive analytics, researched 3rd party APIs, and created proof of concepts. Implemented new customers on a strict deadline. Streamlined customer implementations by designing, implementing, and testing new web application. Reduced customer implementation timelines by leveraging software and driving standardization. Built software to consume multiple sources of data from enterprise service bus (**RabbitMQ, Kafka**). Worked with infrastructure team to migrate our application to the cloud (**Azure**). Rewrote application from **AngularJS** to **React.js** with **Redux**. Built **npm** package to support authentication and authorization that is used across all micro services. As lead engineer on team I mentored a growing team of engineers. Improved teams interview process for multiple roles (SE, BA, QA, PM) and led technical phone screens and on-site interviews. Primary code utilization included React.js, Redux, AngularJS, Node.js (Hapi.js), Docker, SQL, MongoDB, Elasticsearch, Enzyme, Jest, Nightwatch.js, and C# (ServiceStack).

SOFTWARE ENGINEER I - GLOBAL FORWARDING TEAM

C.H. Robinson, Eden Prairie, Minnesota, May 2016 - December 2017

Worked on a team of 5 to design and implement micro-services to send and receive messages from U.S. Customs (ABI CATAIR). Refactored Pre-Arrival Processing System (PAPS) Angular web application with a responsive, mobile first design to enhance UX across wide range of devices used by truck drivers. Contributed to team of ~20 developers by leading **Angular** training sessions, being DevOps Advocate, and defining code standards for web applications. Built **nuget** package to support Role Based Access Control (RBAC) using **Auth0** and **ServiceStack** request attributes and plugins. Built shared **Angular** component library using **npm**. Leveraged unit tests and automated acceptance(e2e) tests to ensure code quality via CI/CD pipeline. Mentored interns as part of the Intern Program Committee. Primary code utilization included HTML5, Bootstrap, Angular, Protractor.js, Jasmine, C#, ServiceStack, and SQL.

PROGRAMMER ANALYST INTERN - GLOBAL FORWARDING TEAM

C.H. Robinson, Eden Prairie, Minnesota, May 2015 - May 2016

Gathered requirements from users, designed, implemented, and tested web application to support team's software deployment process. Used **AngularJS**, **SQL**, **ServiceStack**, **C#** to develop web application. Built **WPF** application to reprocess messages, used by our support team. Worked remotely for half of the internship where I contributed to sprint work along side scrum team. Sprint work included enhancing and maintaining large **VB .NET** application and building out new web applications to support the needs of the growing Global Forwarding Division. Presented products/work to executives, managers, and various teams.

EDUCATION

BACHELOR'S OF SCIENCE, SOFTWARE ENGINEERING

University of Wisconsin - Platteville, September 2012- May 2016
Magna Cum Laude, Deans List