Henry Hall

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Personal Site

SKILLS

Technology
> TypeScript, JavaScript
> Node.js, C#, PHP
> React, Vue, Angular
> SQL, MongoDB, PostgreSQL, Redis
> Vite, Bun, Webpack
> Microsoft Azure, Google Cloud
> Git, BitBucket, Jira
> D3, Socket.io, Three.js, zod

Professional
- ☑ Extensive experience across various web stacks
- ☑ Proven track record of contributing effectively within Agile environments
- ☑ Established leadership and mentoring skills
- ☑ Proficient in business-to-business communications
- ☑ Committed to maintaining development skills in accordance with current industry trends

EDUCATION

Prime Digital Academy
Minneapolis, Minnesota – 2016
Full stack web development

Normandale Community College
Minneapolis, Minnesota – 2012
Associate Degree

FREE TIME

I enjoy rock climbing, working on my planted aquariums and playing StarCraft 2. Over the winter I have been trekking up Machu Picchu and hiking the wintery tundras of Hokkaido. This summer I am looking forward to camping and foraging around the UK.

A software developer who enjoys TypeScript on the web. I've got extensive experience across multiple stacks ranging from building React components, to spinning up Azure Functions, to optimizing database queries. I've seen a lot and I want to see it all. Currently seeking opportunities to work with those who share a deep enthusiasm for innovative web development and thrive on engaging challenges.

EMPLOYMENT HISTORY

Reach Digital Media *February 2019 – Current*
A senior member working on anything and everything related to digital signage. My strength lies in being adaptable, smoothly transitioning between teams and projects without losing sight of deliverable deadlines. I help the team navigate design and technical decisions to support us getting the right solutions for our customers.

Server migration to a custom-built Azure Functions framework
Directed the project to build a custom framework around Azure Functions for Node.js, leading the team responsible for replacing the existing PHP codebase.
Technologies: Azure Functions, Node.js, TypeScript, TypeORM, MySQL

Content Management System Front End Framework Replacement
Senior contributor on a team performing a total rewrite of the customer-facing content management system. Replacing AngularJS and JQuery with React and Vite.
Technologies: React,TypeScript, Vite, Material UI, i18next, Jest

Signage Engine Language Conversion
Lead a team of developers to convert the company's core product from JavaScript to TypeScript. Successfully deployed to over twenty thousand remote devices.
Technologies: TypeScript, Zod, Luxon/Moment, HLS, Jest

Platform Integrations
Created first class integrations for various third party products.

OneDrive	Exchange	Twitter	Instagram
Google Calendar	Facebook	Canva	+ Many Others

Technologies: CloverETL, Microsoft Graph, Google Calendar, various

Network Stability Reporting
Designed and built an automatic network analytics and stability reporting system for providing internal and external visibility into Reach signage devices' connection status and history.
Technologies: C#, PHP, D3, AngularJS

Country Financial *April 2017 – September 2018*
Software developer for a Fortune 500 insurance company as a member of the health and life insurance department. Contributed to internal tools for supporting business needs and worked with third parties to incorporate their code.

Accomplishments
- Experience working with sensitive HIPAA data
- Built .NET web services for e-payments
- Managed code deployments to production environments
- Wrote tests for the life insurance inquiry intake applications
- Designed and built automated internal reporting pipelines