NATHAN SMITH

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EXPERIENCE

Software Engineer @ OneTrust

November 2020 - Present

- Contributed to a large-scale UI refresh, adding support for multiple themes and updating reusable components to conform to a new design system and modern web standards.
- Led a daily pull request review meeting for core projects, focusing on code quality, consistency, and accessibility in a large scale enterprise Angular application.
- Piloted and integrated 3rd-party analytics tools to provide insights on feature adoption and workflow friction.
- Implemented on-demand custom domain configuration to reduce manual configuration burden.
- Migrated and refactored code from a monolithic AngularJS project into multiple micro-frontend applications.
- Managed and led development on four core frontend libraries shared by all product teams.
- Implemented responsive and accessible design in global navigation components.

Software Engineer @ Bentley Systems

May 2015 - October 2020

- Architected a full-stack user directory management web application. Supported its deployment in a large scale system change-over, troubleshooting with both colleagues and end users.
- Led hackathon to create proof-of-concept integration with Bentley applications, Azure AD, and Microsoft Graph to unify user experience and personal information between Microsoft and Bentley web services.
- Designed and developed an internal service management web application using ASP.NET Core, TypeScript, and React.
- Contributed styles, components, tests, and documentation to internal CSS and React UI libraries, independent of assigned work, to implement corporate UX standards.
- Integrated a 3rd-party PDF markup web stack with ASP.NET and AngularJS for real-time collaboration between multiple end users and document sources.
- Designed and built new configuration UI for generating architectural column schedules, streamlining a complex UI. Worked in large, legacy codebase to revive this deprecated feature.

Infrastructure Intern @ Red Hat

Summer 2013, 2014

- Managed two labs with systems of different architectures. Duties included installing new systems, setting up operating systems on new hardware, removing old systems, and organizing the labs.
- Wrote a web app to keep track of all systems and their network information. Application increased efficiency by automatically generating network configuration files instead of manually editing large text files.

PROJECTS

Cryptomancer FVTT

Implementation of the Cryptomancer RPG system for Foundry Virtual Tabletop.

Crypt UI

A sci-fi themed CSS component library, written to support implementation of Cryptomancer FVTT.

Alloy

A monokai inspired color theme available for VS Code, Prismjs, Windows Terminal, and ConEmu.

Obsidian.md Plugins

Three plugins written for Obsidian.md, a markdown note taking and knowledge management app:
- Collapse All
- Obsidian Trello
- Auto Class

Homebrewery VS Code

A Visual Studio Code extension for rendering markdown in the style of Dungeons and Dragons 5th edition content.

EDUCATION

MS in Computer Science

Mississippi State University 2017

BS in Software Engineering

Mississippi State University 2016

SKILLS

Core

- Software Development
- Frontend Development
- Software Architecture
- Accessibility
- Unit Testing
- Code Review
- Agile / Scrum
- Library Maintenance

Technology

- TypeScript
- CSS / SCSS
- Angular / RxJS
- Jasmine / Karma
- Cypress
- Git
- React
- C# / ASP.Net Core