

# ASHE ERICKSON



Senior Full-stack Web Developer

 <https://ashelyn.dev/>

 <https://github.com/ashen-dawn/>

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## Employment

Web Systems Manager Genetic Science Learning Center / October 2023 - Present

- ▶ Maintained [Learn.Genetics.utah.edu](https://learn.genetics.utah.edu/), a learning resource used by over a million students each year
- ▶ Migrated over 450 legacy Pug templates to a component-based CMS for easier updating by writing and art teams
- ▶ Coordinated between internal teams to ensure smooth integration between art, music, writing, and educational needs
- ▶ Set up reproduceable, change-tracked infrastructure using NixOS and Docker for center and client services

**Working with:** *React.js, Node.js, Next.js, NixOS, AWS, Azure, PostgreSQL, MS SQL, MongoDB*

Senior Software Engineer Vareto / May 2022 - March 2023

- ▶ Led team in adding new UI components and tests to Vareto's reporting product
- ▶ Optimized rendering performance of table visualization for smoothly handling tens of thousands of rows
- ▶ Standardized design for data filtering controls across application, and led team in implementing changes

**Worked with:** *Python, React.js, Node.js, Python, PostgreSQL*

Senior Software Engineer Extra Space Storage / Jan 2021 - May 2022

- ▶ Took lead role in full-site redesign - planned, implemented, and reported on team's progress throughout the project
- ▶ Re-wrote .NET reverse proxy for easier A/B test handling and higher request throughput
- ▶ Led performance initiative to optimize page size and load times for mobile and older devices

**Worked with:** *.NET, React.js, Node.js, Next.js, Azure Devops, MS SQL*

Lead Web Developer Brigham Young University / May 2015 - Jan 2020

- ▶ Led team of developers in building full-stack web applications; reported to department stakeholders weekly
- ▶ Built on-premise CI/CD environment for iterative software development within university data compliance policies
- ▶ Managed faculty and student web publishing environments with Wordpress, Drupal, and Gatsby

**Worked with:** *React.js, Node.js, Docker Swarm, PostgreSQL, Hyper-V*

## Skills

### Expert-level

- ▶ React JS
- ▶ Next.JS
- ▶ Typescript
- ▶ HTML5 & CSS3
- ▶ UX Prototyping
- ▶ Node.JS
- ▶ PostgreSQL
- ▶ Docker & NixOS
- ▶ Linux & Devops
- ▶ CI/CD Pipelines

### Moderate experience

- ▶ C# & .NET
- ▶ Angular
- ▶ Wordpress
- ▶ Drupal
- ▶ MongoDB

### Working proficiency

- ▶ Vue
- ▶ Svelte
- ▶ Rust
- ▶ Python
- ▶ Java

## Education

Bachelors of Science: Computer Science

Brigham Young University / 2012 - 2019