

# Grant Montgomery

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## Professional Summary

An experienced full-stack software developer delivering high-quality front-end and back-end applications and features. Strong debugging skills with a knack for digging into code and finding issues quickly. Always looking for new ways to simplify processes and ship features faster.

## Skills

**Technologies:** Git, Oracle SQL, MySQL, sqlite, MongoDB, React, Svelte, Node, Express, Spring-boot

**Languages:** C++, C, Python, Java, Typescript, Javascript, HTML, CSS

**Mathematics:** Good understanding of differential equations, calculus, and linear algebra

## Education

- BS    University of Minnesota Duluth**, Computer Science and Mathematics Duluth, MN
- Coursework in computer security, computer networks, operating systems, combinatorics, differential equations, and real algebra
  - Performed undergraduate research on constant-sum partitions alongside a Math professor, utilizing Python to quickly test generation methods

## Experience

- HealthPartners**, Software Developer Bloomington, MN  
Jan 2023 – present
- Led the migration of over 3 million users accounts off of a legacy authentication system onto a modern auth provider
  - Built new internal-facing application supporting account maintenance by support staff on behalf of our B2B partners across the provider, broker, and employer portals of the healthpartners.com website
  - Updated central auth service to correctly authenticate and create sessions for users logging in through the B2B portals, migrating them off of legacy, portal-specific authentication systems
- HealthPartners**, Software Developer Associate Bloomington, MN  
May 2021 – Jan 2023
- Designed and developed a custom dashboard to track the security posture of our organization's growing portfolio of applications based on aggregate information from within our Openshift clusters, PrismaCloud scan results, and static code scan results generated by Fortify
  - Built a library of embeddable web components enabling multiple teams to easily add functionality to existing web pages without needing duplicate implementations
  - Built internal support application to manually fix match errors generated by an automated match system, enabling our customers to seamlessly view both their care and plan information from a single web account
- HealthPartners**, Software Developer Intern Duluth, MN  
Oct 2020 – May 2021
- Redesigned the public signin page for the consumer portal, bringing a legacy application up to the current design standards for the organization
  - Simplified the creation of transactional emails with reusable templates wrapping email content in portal-specific branding

## Projects

### WordLettuce [🔗](#)

A Wordle clone with added features including game history and a 7-day rolling leaderboard. Built with svelte on cloudflare workers, utilizing a hono backend and sqlite. Made open-source [on GitHub](#) [🔗](#)

### Flutter Sudoku App

Sudoku app built using Flutter to enable cross-platform distribution across web, desktop, and mobile devices. The application is made open-source [on GitHub](#) [🔗](#)

### Homelab

Self-hosted Truenas and Linux servers to experiment with networking, storage, containers, and virtualization