

Grant Stromgren

Experienced technical leader with a passion for creating impactful, scalable solutions

grant@stromgren.dev
<https://grantstromgren.com>

(612) 242-0382
Saint Joseph, MN

WORK EXPERIENCE

Grow Progress

June 2020 - Present

Grow Progress is an early stage startup offering a SaaS platform with products that assist in supporting political, advocacy, and private sector brands to increase effectiveness of messaging through values-based analytics and surveying. Through different survey methods, combined with data analysis and automation, Grow Progress is able to provide detailed reports and analysis to platform users to help guide them on the “how” in their campaign efforts.

Technical Lead

September 2021 - Present

- Define and refine all SDLC and product processes, working with other leaders in order to help identify pain points, propose solutions, and inform future decisions.
- Work in partnership with the head of Engineering to define a progression matrix, roles, and expectations.
- Provide product with a partner in engineering in estimating effort, evaluating opportunity costs, and assist with roadmapping goals that match to company and department specific OKRs.
- Ownership over our back end serverless architecture in AWS and all other company wide AWS resources, importing resources into terraform and managing environments.
- Integrate with our 3rd party sample providers for fielding our survey tools, including error handling, monitoring, and automated failovers.
- Be a key player in architecture design reviews as well as architecture with scalability in mind, while maintaining a LEAN and MVP mindset and how we can iterate.
- Manage 4 direct reports ranging from associate to senior levels.
- Facilitate weekly 1:1, performance reviews, develop career progression plans, goals, heavy pairing and training.
- Develop interview rubrics and process, conducting interviews at all steps and bringing the team to 11 engineers.

Tech: Node.js (TypeScript), Laravel, Vue, Go, Python, Postgres/MySQL, AWS, Docker, Terraform, Vertica, Atlassian Suite (Jira, Confluence, Bitbucket)

Senior Software Engineer

June 2020 - September 2021

- I was the second full time hire after the lead engineer and I took a major role in engineering and company growth.
- Spearheaded a large project initiative with a tight timeline, architected and presented software design, broke down requirements into actionable issues, built out a sprint plan to meet milestones and established retro/planning sessions, executed, and completed project in a way to allow sufficient time for unknowns, rigorous testing, and approvals.
- Assisted in the development of software standards, sprint process, code reviews, linting, testing, pipelines and CI/CD, agile issue management via Jira, software design processes.
- Improved our DevOps by evaluating and recommending changes to our current AWS configuration, moving servers to Docker controlled and infrastructure to Terraform for local and various environment deployments/management.
- Improved our SaaS speed and load times by utilizing 3rd party services for analyzing slow queries to be reworked, implementing caching at optimal points in the request timeline, and designing and presenting efficient database ERDs.
- Heavily contributed across repos, assisted in architecting, and designing our other products and services to increase their scalability and usability.

- Created an internal engineering tooling to assist with development, database migrations, terraform, tests, and other local development tasks.
- Mentored, trained, and pair programmed with other engineers.
- Helped develop our hiring process, technical interview, and perform interviews for candidates growing our team to 7 members.
- Helped establish core SaaS company-wide initiatives and processes, such as bug triaging, on call rotation.

Tech: Laravel, Vue, Node.js (TypeScript), Go, Postgres/MySQL, AWS, Docker, Terraform, Vertica, Redshift, d3, Atlassian Suite (Jira, Confluence, Bitbucket)

When I Work

October 2019 - April 2020

When I Work is a late stage startup that offers a scheduling SaaS product for the hourly workforce with over 1 million monthly active users.

Full Stack Engineer

- Designed and developed software in an agile environment.
- Led a project on a reporting service, reviewed and created design documents to integrate reporting microservice into existing infrastructure.
- Assisted in the agile development process, including ticket creation, scoping, designing lean solutions, and executing.
- Wrote test driven React code with 90%+ coverage, assisted test driven development with other engineers.

Tech: React, Go, PHP, AWS, Docker, Terraform, Kubernetes, MySQL, Postgres

Stearns County

June 2017 - October 2019

Stearns County is a county government in central Minnesota.

Senior Software Developer

Designed, developed, supported, and managed software applications that utilize React, Node.js, and Angular front ends with C# and Express.js back ends. Managed databases within MySQL, MongoDB, Oracle, and MSSQL.

- Created Node.js ETL pipelines between disparate 3rd party databases to create a central database services and support an MDM environment
- Had full responsibility of software architecture, including server management (windows, linux), devops and 3rd party software services (GitHub, Azure DevOps, Azure cloud services).
- Created SDLC documentation, including style guides, procedural documents, API documentation, and software design process.

Tech: React, Angular, Node.js, Express, C#, Azure, MySQL, MongoDB, Oracle, MSSQL

Little Acorn

February 2016 - Present

Little Acorn is a software and web development company I own and operate in my free time to provide low-cost solutions to local nonprofits, advocacy groups, cooperatives, and some small businesses.

Founder

- Talk directly with clients, document product outline and goals, create iterative procedures to complete products, hand off to customers with technical documentation and continual support.
- Manage external developer contractors to assist in project/product goals.

Tech: React, Next, Vue, Nuxt, Node.js (TypeScript), Laravel, Go, Python, AWS, Docker, Terraform

TheMLSonline.com

May 2015 - February 2016

TheMLSonline.com is a web application and realtor providing home real estate searches for users.

Senior Developer

- Designed and developed a high volume web application.
- Performed routine server maintenance, including analytics on servers and queries to identify bottlenecks.
- Improved average site load time from 4.2s to 2.7s through database, query, and logic improvements.

Tech: CodeIgniter (PHP), JavaScript, JQuery, d3, HTML, CSS

Wedge Community Co-op

November 2012 - June 2015

The Wedge Co-op is a retail store and grocery warehouse with a complete IT team and custom built ERP, inventory management, and POS system.

Software Developer

- Designed and developed software in a LAMP ERP system.
- Worked directly with product stakeholders to design and support software systems that would assist in the day-to-day operations of the co-op.

Tech: PHP, JavaScript, HTML, CSS

EDUCATION

Western Governors University

2013

BS, Information Technology - Databases

TRAININGS & CERTIFICATIONS

- LeadDev - Pillars of Engineering Management
- Oracle (Database Administrator, SQL Expert)
- CompTIA (A+, Security+, Network+)
- CIW (Webmaster, JavaScript, Foundations, Design)

VOLUNTEER & ORGANIZING

- Ragtag (& DigiDems) – Volunteer Lead Developer
- Progressive Coders – Volunteer Developer
- Central Minnesota Technologists – Founding Organizer
- Google Developers Group St. Cloud – Founding Organizer
- Minnesota Street Market – Board Member
- Preferred Toastmasters – Member