

Charles Bassett

Software Developer

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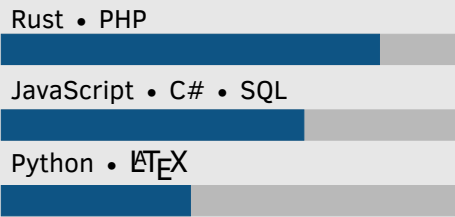
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Technical Skills

Overview

Agile	Bootstrap
Teamwork	SQL Server
Laravel	Nginx
React	Linux
Angular	Git

Programming



Education

2019 **MS, Information Technology**
Focus: Software Development
Minnesota State University

2018 **BS, Information Technology**
Minor: Mathematics
Minnesota State University

Experience

- Aug 2018 - May 2019

Developer Team lead

Buro 507

 - Delegated work and tasks within the IT team
 - Reviewed tasks to meet compliance standards
 - Trained and mentored team members to provide guidance
 - Organized regular meetings and trainings for team members
 - Worked alongside other departments to achieve company goals
- Apr 2016 - Aug 2018

Developer

Buro 507

 - Participated in coding and debugging applications
 - Created clean code for functioning applications
 - Used new technologies to manage legacy code
 - Worked side-by-side with frontend developers and other team members
 - Gathered and implemented design requirements
 - Worked directly with clients throughout the project lifecycle

Projects

- SAFEHR - Student EMR System**

 - An EHR system, made for the Minnesota State University, to train nursing students through their degree program
- UMC — Training Platform**

 - An employee training platform made for the Ultra Machining Company to train managerial staff
- drive - Personal Cloud Storage**

GitHub

 - This project is meant to provide self-hosted storage of files at a remote location, rather than relying on a 3rd party. It allows creating, updating, and deleting files within a folder structure.
 - Features public file sharing and video streaming
 - Written in Rust, the project utilizes Nginx, Rocket, and an AWS-hosted PostgreSQL Database.
- tasker - Task Automation**

GitHub

 - A tool made to perform configured tasks automatically.
 - Originally intended as a learning experience, this project is now a tool that provides simple task automation. The project can be made to perform scripts triggered by a timer, intervals, or disk changes.
- Personal Integration Service**

 - This project creates a connection between numerous devices, allowing them to communicate directly without creating a direct connection between them. It is targeted towards devices within a small range of each other, such as within a house or apartment.
 - Features Basic and Token authentication with the WebSocket server and an administrative portal.
 - It is written in Rust with PostgreSQL, using WS-RS as the Websocket interface, Rocket for the web interface, Diesel as the ORM, and Tera for the templating engine.