

Charles Bassett

Software Developer

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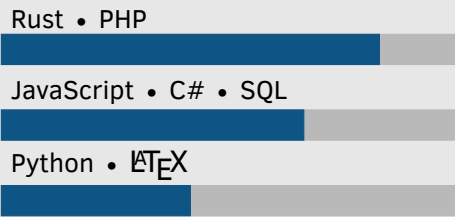
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Technical Skills

Overview

Agile	Bootstrap
Teamwork	SQL Server
Laravel	Nginx
React	Linux
Angular	Git

Programming



Education

2019	MS, Information Technology <i>Focus: Software Development</i> Minnesota State University
2018	BS, Information Technology <i>Minor: Mathematics</i> 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.