Ryan Tullis

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EDUCATION

Iowa State University *May, 2024*
Bachelor of Science in Software Engineering Ames, IA

WORK EXPERIENCE

Junior Software Engineer *Jan 2022 – Sept 2023*
Metalcraft Inc. Mason City, IA

- TODO

Intern *Nov 2020 – Aug 2021*
Automatic Systems Co. Ames, IA

- Worked building control panels for the wastewater industry.
- Worked with complex electrical drawings and programmable logic controllers in order to match design specifications.
- Responsible for modifying electrical drawings in order to match real world constraints.
- Responsible for managing my own projects and reporting on their status to my superiors.

PROJECTS

Metalcraft Internal Web Portal | Angular, ASP.NET, C#, LINQ

- Developed a full-stack web application using with ASP.NET serving a REST API with Angular as the frontend
- Integrated with existing databases using LINQ to provide an API for the Portal
- Provided a cleaner and easier method of accessing and transforming the data via the web
- Wrote multiple utilities that were also hosted on the portal to automate various tasks for employees

Personal Website and Home Server | Python, Flask, React, PostgreSQL, Docker

- Developed a full-stack web application using with ASP.NET serving a REST API with Angular as the frontend
- Implemented GitHub OAuth to get data from user's repositories
- Visualized GitHub data to show collaboration
- Used Celery and Redis for asynchronous tasks

SKILLS

Languages: Java, Javascript, Python
Frameworks: Maven, Gradle, Spring Boot, Django, Hibernate
Databases: PostgreSQL, Cassandra
Cloud Tools: AWS, Azure