Jacob Meyer

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github.com/meyer28j

Education

Software Systems Engineering
4th Year - University of Regina, SK
Graduating Spring of 2025

Projects

1. Workout tracker web application with user-driven database, built with a team

Software and languages:
- Github team repository
- HTML + Bootstrap CSS
- Javascript + NodeJS, jQuery
- MongoDB + Mongoose

Features and functionality:
- Custom workout builder and tracker
- Community workout explorer
- Persistent user data

2. Web and email server for website hosting and private network computing

Software and languages:
- Rocky Linux
- Apache HTTP server
- SSL/TLS certification
- HTML, CSS, PHP
- MySQL, MariaDB
- Roundcube email server

Features and functionality:
- API-driven content generation
- Automated email authentication
- Database administrator dashboard
- Persistent user data

Skills

Programming
- C & C++
- MySQL
- Java
- Python
- ARM Assembly
- Javascript & AJAX
- HTML + CSS
- PHP
- MongoDB

Software
- Github & TFS
- Linux terminal & CLI
- Network computing
- Graphic design
- UI/UX design
- MS Excel & Word
- AutoCAD and Solid Edge

Teamwork
- Thorough in capturing and communicating details
- Strong documentation skills
- Strong public presentation skills
- Approachable and open to constructive criticism

Experience

Head Brewer
Iron Bridge Brewery, Lumsden, SK
- Carried out all production tasks, including: brewing, canning, cleaning, inventory tracking, and task planning
- Minimized losses from canning up to 90% by process refinement
- Reduced preparation time by 30% by identifying parallel processes
- Improved quality and identified errors by collecting, measuring, and tracking product data and customer sentiment
- Planned and executed a flexible work schedule to accommodate the variable timing of each production step

Feb 2022 – Jan 2023

Server
Iron Bridge Brewery, Lumsden, SK
- Demonstrated a positive and inviting attitude at all times, including during periods of high demand
- Managed the taproom unsupervised, including opening and closing, cash counting, and inventory tracking
- Engaged with customers to gather product feedback and sentiment

Aug 2021 – Jan 2023

Jr. Programmer Analyst
Saskatchewan Liquor & Gaming Authority, Regina, SK
- Update or create SQL scripts for data fixes, feature implementation, and data requests from other offices
- Customized document templates to automatically retrieve information from a database for automated messaging
- Worked within a team to implement, test, and debug feature changes and additions over a development cycle
- Used version control and task management software to control for errors, accurately describe changes, and track intentions and results across team members

Jan 2021 – July 2021

Volunteer

Board Member
Wascana Solar Co-op, Regina, SK
- Participate in multiple roles including board secretary, Group Buy subcommittee, and Marketing & Communications subcommittee
- Client Management for Group Buy program, including an on-site visit, preliminary solar array design, and economic analysis
- Draft and schedule various social media posts on Facebook and Instagram using Meta Business Suite
- Design and create graphics for presentations and social media

May 2023 – Now
wascanasolarco-op.com