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🌐 https://shalestorm.net/portfolio

📍 Grand Rapids, Mi

📞 (616) 290 - 5740

Skyler McLain
Software Engineer

TECHNICAL SKILLS

Programming Languages | Python 3, JavaScript ES6+, SQL, HTML5, CSS

System Design | Domain-driven design, GIt, Docker

Back-End | FastAPI, PostgreSQL

Front-End | DOM manipulation, Websockets, React

RELEVANT PROJECTS

OPTCG-Stat Tracker | Full Stack Engineer | https://github.com/shalestorm/optcg-tracker| Node.js, FastAPI, Python, Javascript, HTML, CSS, React, PostgresSQL   Jun '25

One piece card game stat tracker

- Built an in house **json based API** given the lack of open-source API for the game - and **deployed** it for the community to use
- Implemented a **RESTful API** with **FastAPI**, leveraging **Python** for game data input, leader types, & matchup outcomes held via **Postgres**
- Combined **Pydantic** & **uvicorn** to elevate **processing capabilities**, leveraging Pydantic, uvicorn, & Python technologies for enhanced **data handling efficiency** & seamless integration
- Developed a **relational PostgreSQL database** schema to analyze win rates, matchup history, and deck performance over time
- Created a **responsive UI** for quick match logging and stat summaries using **React** - **Vanilla JS** - and **Styled CSS**

Skillswap | Full Stack Engineer | https://skillswap.shalestorm.net | React, JavaScript, HTML, CSS, Python, PostgreSQL, JWT   May '25

A small scale social media app, to connect users, and let them communicate based on their user-inputted skills/knowledge

- Engineered a **peer-to-peer** platform for users to exchange skills through **secure, scalable interactions**
- Deployed stateless **JWT authentication** with hashed & salted passwords for secure user data handling for all users
- Integrated and styled **responsive** React UI components for user matching, messaging, and skill display
- **Revamped user interface** with **custom CSS** to deliver a seamless & **visually appealing** experience, **enhancing navigation** & interface aesthetics

PROFESSIONAL EXPERIENCE

Meijer | Retail Salesperson   Oct '23 - Aug '24

- **Organized General Merchandise** shelves by **conditioning**, **restocking**, & ensuring **product accuracy** & **presentation**
- **Guided** customers in the **Electronics department** through **product selection, troubleshooting** tech challenges, & **finalizing purchases** at the register
- **Empowered** service delivery across multiple departments by actively **cross-training** in Sales & **Customer Service** areas, utilizing **Training Management System** during peak hours

Freelance Web Designer | Self-Employed   Jul '19 - Jan '20

- Launched **responsive websites** for small business clients on **Wix**, customizing layouts, color schemes, & page structure to align with **brand preferences**
- Collaborated directly with non-technical clients to gather requirements, implement features, and deliver user-friendly sites with basic training for ongoing edits

EDUCATION

Hack Reactor | Advanced Software Engineering Immersive Program   Feb '25

- Hands-on experience building full-stack applications
- Gained practical expertise in modern web development, API design, databases, and version control through pair programming and solo projects

- Tech Stack: Python, FastAPI, PostgreSQL, JavaScript, React, React Router, HTML, CSS, Node.js, Git/GitHub, REST APIs
- *Maintained perfect attendance throughout the program with on-time delivery of all projects*

Grand Rapids Community College | Computer Science   Jun '23

- Computer Servicing I/A+ Hardw
- Interpersonal Communication
- Dig. Illustration/Illustrator - Adobe
- Statistics

West Shore Community College | Computer Science   Feb '18

- Intro to Python
- Intro to HTML/CSS