

Shae Kuhnke

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Software engineer specializing in full-stack development and application design. Experienced building user-facing products from concept to deployment using Agile methodologies. Passionate about solving complex problems through clean code, collaboration, and creative technical solutions.

EDUCATION

Bachelor of Science in Computer Science

University of Wisconsin-Milwaukee, Milwaukee, WI

Dec. 2024

3.34 GPA

Relevant Courses: Artificial Intelligence, Algorithm Design & Analysis, Programming Language Concepts, Natural Language Processing, Application Development, Computer Security, Software Engineering, System Programming, Data Structures and Algorithms, Discrete Information Structures

SKILLS

- Programming Languages:** Java, Python, JavaScript, TypeScript, C, HTML/CSS, SQL
- Frameworks & Tools:** React/React Native, Node.js, Django, REST APIs, Git, Apache POI
- Cloud & Deployment:** AWS, Heroku, PythonAnywhere
- Development Practices:** Agile/Scrum, Test-Driven Development, DevOps, Version Control

EXPERIENCE

Full-Stack Developer | Freelance | Appleton, WI

June 2024 – Present

- Designed, developed and deployed company websites (www.jmwtransfer.com, www.rkvideos-co.com) using modern web technologies and cloud hosting (AWS, Heroku)
- Engineered an online job application system that generates PDFs and routes them to HR via email, eliminating paper-based processes and reducing application processing time by 90%
- Built responsive contact forms with email integration for client estimates and service inquiries
- Provide ongoing IT support and manage Google Workspace administration for client organizations

Data Analyst | JMW Transfer Inc. | Appleton, WI

Nov 2022 – Present

- Analyze driver logistics data (route times, mileage, fuel consumption) to generate tax-compliant reports and inventory summaries using advanced Excel formulas and automation
- Process and submit invoice data for 150+ weekly loads across two major client accounts, ensuring accurate billing and timely payment, fully remote with strong self-direction and time management

IT Intern Lead | Hortonville Area School District | Hortonville, WI

Summer 2022 & Summer 2023

- Led a team of interns to upgrade and configure the district's computer network infrastructure for 4,000+ students and staff for a school referendum, including setup and testing of new IT equipment

PROJECTS

Senior Capstone Project – UWM Boss

2024

- Led full-stack development of a mobile transportation app serving 25,000+ UWM students using Agile methodology
- Solved critical user safety and accessibility challenges by implementing real-time queue position tracking, in-app driver-passenger messaging with automatic dispatch logging, and incident reporting system for drivers and riders

Turn-Based RPG Game – Ongoing Personal Project

Mar 2022 – Present

- Designed and developed a complete 2D RPG game engine in Java with 50+ active players and regular content updates distributed through custom-built game website
- Built custom UI framework with original art assets, fonts, and audio to maintain cohesive design across 50+ game screens

Business Data Automation Scripts – JMW Transfer Inc.

Oct 2025

- Developed Excel automation tools using Apache POI, reducing monthly manual data processing by 20+ hours while enabling non-technical employees to generate audit-ready reports and reducing human error

Hackathon – Texas Hold ‘Em Training vs AI

Sept 2023

- Led Scrum team in developing a poker training simulator with integrated advanced AI opponent