Matthew J. Fuss

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A collaborative, results-driven full-stack software developer seeking a new role. Regarded as an innovative problem solver, team-centered, and committed to best-in-class end-user experiences.

Professional Experience

Full Stack Software Engineer – Opticool Technologies
November 2022 – Present

- Developed custom internal tools to streamline workflows, enhance productivity, and improve team efficiency.
- Created a dashboard application using Next.js to visualize real-time data from various APIs.
- Implemented authentication and authorization features for secure access to company tools.
- Diagnosed and resolved performance bottlenecks in web applications, optimizing load times and user experience.
- Leveraged server-side rendering (SSR) in Next.js to enhance initial page load speed.
- Created routes for retrieving, creating, updating, and deleting data.
- Creation of various software tools written in Python to assist the engineering team in monitoring status of laboratory equipment via Modbus.
- Facilitated equipment communication with building management systems using various protocols such as Modbus and Bacnet

Senior Associate Test Engineer – L3Harris
May 2019 – November 2022

- Worked as a test engineer in the communications systems segment.
- Utilized LabVIEW/Teststand programming to design and write comprehensive tests for product hardware and software.
- Defined test parameters and configs using XML.
- Collaborated with other test engineers to create highly reusable code.
- Collaborated with RF design engineers to understand product specifications to better define test requirements.

Engineering Laboratory Technician – United States Navy
April 2010 – April 2016

- Maintained a secret security clearance for the duration of enlistment.
- Leading Petty Officer of Reactor Laboratories division on board the USS Dallas.
- Received 2 Navy Achievement Medals (NAMs) during 6 years of service for exemplary performance.

Education and Certifications

- M.S. Electrical Engineering, Rochester Institute of Technology
  April 2022
- B.S. Electrical Engineering, Rochester Institute of Technology
  April 2022
- Salesforce Platform Developer 1 Certification
  August 2023

Skills

Javascript

React

Next.js

Node.js

Prisma ORM

CSS

HTML

SQL

JSON

REST

APIs

XML

Git

Visual Studio Code

Python

Machine Learning

Agile

Jira

Key Strengths

Problem Solving

Debugging

Troubleshooting

Critical Thinking

Attention to Detail

Teamwork

Communication