

Morgan Molyneaux

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in /morgan-molyneaux
/MorganMolyneaux22
Online Resume

Professional Summary

- Extensive experience adapting to both self-starting and collaborative environments, with a strong emphasis on **teamwork and communication**.
- Driven by a relentless passion for technology and continuous learning.
- I excel in highly fast-paced and dynamic work environments where creative, innovative problem-solving skills are highly valued and encouraged.
- Dedicated to the core principles of software engineering, including agile development, software design patterns, and efficient project management.
- Keen to contribute my unique perspective and technical expertise to a forward-thinking team, driving innovation and collaboration.

Skills

Languages:

C-sharp ●●●●● | Python ●●●●● | C++ ●●●●● | HTML5 ●●●●● | Java ●●●●● | JavaScript ●●●●●
PHP ●●●●● | Golang ●●●●● | Rust ●●●●●

Development Skills:

- Agile/Scrum/Kanban: ●●●●●
- UI/UX Design: ●●●●●
- Data Analytics: ●●●●●
- DevOps and CI/CD Pipeline ●●●●●
- Web Programming: ●●●●●
- Data Engineering (SQL, MongoDB, JSON): ●●●●●
- AWS/Google Cloud: ●●●●●
- Frameworks (Flask/Django) ●●●●●

Experience

NEAUX GIS, West Jordan

May 2023 - Present

Full Stack Engineer

- > Architected NEAUX-GIS, a cloud-native platform integrating invoicing, field operations, and geospatial data to streamline workflows and eliminate manual inefficiencies.
- > Engineered automated billing and reporting solutions using RESTful APIs, accelerating approval workflows and enhancing data precision.
- > Implemented real-time GIS tracking for comprehensive oversight of job sites and crew activities, significantly boosting field visibility and operational control.
- > Leveraged Python, JavaScript, and Google Cloud Platform to deliver a scalable, high-performance solution tailored for field operations management.

B. Jackson Construction, West Jordan

May 2022 - Present

Project Coordinator

- > Developed and deployed custom RESTful APIs to automate complex workflows, significantly improving operational efficiency and reducing manual tasks.
- > Coordinated infield operations, creating detailed reports and ensuring the timely completion of fiber splicing and drop installations.
- > Managed data entry and permitting processes, ensuring accuracy in crew redlines and project documentation.
- > Engineered advanced tools, reports, charts, and graphs, providing division management with clear insights into complex data.

Influinity, Orem

August 2023 - May 2024

Full Stack Engineer

- › Developed a web application with React and JavaScript, leveraging Docker for scalability, in an Agile team setting.
- › Crafted UML diagrams and authentication features; engineered a database for streamlined influencer profiling and filtering.
- › Developed API endpoints for efficient job information editing, improving data management and user experience.
- › Integrated a 256-bit AES encryption scheme for password security within the database architecture, enhancing data privacy.

Epsilon Money Tracker

August 2022 - January 2023

Full Stack Engineer

- › Developed a Python-based application with TKinter, integrating JSON for data handling and utilizing the AES encryption scheme to secure personal data.
- › Developed user login and sign up features for both frontend and backend components.
- › Designed a user-centric goals page for efficient progress monitoring.
- › Collaborated with teams in SCRUM environment, prioritizing tasks for timely MVP and prototype delivery through iterative feedback.
- › Enhanced application reliability and user experience by conducting comprehensive unit-testing and debugging.

Nephi City, Nephi

May 2021 - August 2021

IT and Server Deployment Specialist

- › Updated existing technological infrastructure.
- › Provided and implemented the organization of server deployments across the city, ensuring efficient and secure data management.
- › Tested troubleshooting methods, devised innovative solutions, and documented resolutions for inclusion with help desk support.
- › Functioned as an IT support specialist, aiding in cable splicing and the development of a robust office network, ensuring high performance and reliability.

Education

Snow College

Associate of Science

2020 – 2022

Ephraim, UT

Utah Valley University

BA Software Engineering and Comp. Science, Minor in Information System Technology

2022 – Spring 2025

Orem, UT

REFERENCES AVAILABLE UPON REQUEST