Michael Mayo

North Matthewtown
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Summary

Innovative and results-driven programmer with over 5 years of experience in software development, focusing on web applications and data analytics. Proven expertise in building scalable applications using Vue.js and PostgreSQL, with a strong foundation in machine learning principles. Adept at working in Agile environments, driving project success through effective collaboration and leadership.

Experience

Software Developer

Tech Innovations Inc., North Matthewtown
June 2021 - Present

- Developed a **Data Analytics Dashboard** that enhanced data visibility, resulting in a 30% increase in decision-making efficiency for clients.
- Implemented a **Microservices Architecture** for a large-scale e-commerce platform, improving deployment times by 40% and system reliability.
- Collaborated with cross-functional teams to design and deploy a **Machine Learning Pipeline** that reduced data processing time by 25%.

Junior Developer

Creative Solutions Ltd., North Matthewtown

January 2018 - May 2021

- Assisted in the development of a responsive web application using **Angular**, improving user engagement by 20%.
- Contributed to the migration of the company's database to **PostgreSQL**, enhancing data retrieval speed by 50%.
- Participated in Agile ceremonies, promoting a culture of continuous improvement among team members.

Skills

- **C++**: Intermediate – Developed several utility programs for data processing and visualization.
- **Vue.js**: Expert – Led the frontend development of multiple applications, focusing on user experience and performance optimization.
- **Machine Learning**: Intermediate – Familiar with supervised and unsupervised learning techniques, implemented basic models for data analysis.
- **PostgreSQL**: Advanced – Extensive experience in database design, optimization, and management; improved query performance by 30%.
- **Angular**: Intermediate – Created dynamic web applications, focusing on single-page application architecture.

Projects

- **Data Analytics Dashboard**: Designed and built an interactive dashboard for clients to visualize key performance indicators, integrating real-time data processing and reporting features.

- **Machine Learning Pipeline**: Developed a robust pipeline for data ingestion, processing, and model training, which streamlined the project lifecycle and improved accuracy by 15%.

- **Microservices Architecture**: Architected and implemented a microservices framework for an e-commerce platform, leading to improved scalability and reduced downtime.

Certifications

- **Scrum Master Certification** – Scrum Alliance
- **Microsoft Azure Developer** – Microsoft
- **AWS Certified Solutions Architect** – Amazon Web Services

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Education

Bachelor of Science in Computer Science

University of North Matthewtown

Graduated: May 2017

- Graduated with Honors, GPA: 3.8/4.0
- Relevant Coursework: Data Structures, Algorithm Design, Machine Learning, Web Development

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Additional Information

- Passionate about open-source contributions and actively participating in local coding meetups.
- Enjoys staying up-to-date with the latest technology trends and continuously enhancing programming skills through online courses and workshops.