Matthew Ortiz

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Location: South Timothy

Summary

Innovative and results-driven programmer with over 5 years of experience in developing scalable software solutions. Proficient in advanced data science methodologies and programming languages, with a passion for creating efficient and effective systems. Adept at working in agile environments and collaborating with cross-functional teams to deliver high-quality products. Seeking to leverage expertise in a dynamic company focused on cutting-edge technology.

Experience

Senior Software Engineer

Tech Innovations Inc. — South Timothy, CA
March 2021 - Present
- Developed an **API Gateway** that improved data retrieval speeds by 30%, enhancing user experience and integration capabilities for over 50 microservices. - Spearheaded the implementation of a **Machine Learning Pipeline** that reduced processing time by 40% through automation and efficient data handling. - Collaborated with front-end teams to design and implement a **Real-time Chat System** using Vue.js, resulting in a 25% increase in user engagement.

Software Developer

Creative Solutions Ltd. — South Timothy, CA
June 2018 - February 2021
- Played a key role in the development of a **Payment Processing System** that

handled transactions securely for over 10,000 users, achieving a 99.9% uptime. - Implemented a **Microservices Architecture** that improved system scalability and reduced deployment times by 50%. - Utilized **Jenkins** for continuous integration and delivery, streamlining the development process and increasing team productivity.

Skills

- **Data Science:** Advanced
- **Python:** Advanced
- **Flask:** Beginner
- **Go:** Advanced
- **Vue.js:** Advanced
- **Jenkins:** Intermediate

Projects

- **API Gateway**: Designed a robust API Gateway which facilitated seamless communication between services, boosting performance and security.
- **Machine Learning Pipeline**: Developed a pipeline that utilized predictive analytics, resulting in a 15% increase in forecasting accuracy for client projects.
- **Real-time Chat System**: Engineered a chat system that supported real-time interactions, improving customer support response time by 20%.
- **Payment Processing System**: Created a secure platform for processing payments, reducing transaction times and enhancing user trust.
- **Microservices Architecture**: Transitioned legacy applications to a microservices architecture, improving maintainability and scalability.

Education

Bachelor of Science in Computer Science

University of South Timothy — South Timothy, CA
Graduated: May 2018

- Relevant Coursework: Data Structures, Algorithms, Web Development, Machine Learning

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Certifications

- **Certified Data Scientist** — Data Science Institute, 2020
- **Python for Data Science** — Coursera, 2019
- **Go Programming Language** — Udemy, 2021

Interests

- Passionate about open-source projects and contributing to community-driven software.
- Enjoys exploring new programming languages and frameworks, with a current focus on enhancing skills in Flask and Go.
- Avid reader of tech blogs and research papers on AI and machine learning advancements.

References available upon request.