

Jonathan Lozano

Email: adkinsvanessa@example.net

Location: East Tylerborough

Summary

Innovative and detail-oriented programmer with a strong background in machine learning and data science. Experienced in building scalable applications using FastAPI and AWS, with a passion for creating efficient solutions that drive business success. Proven ability to work collaboratively in a team environment and deliver projects on time. Seeking to leverage my skills in a challenging programming role.

Experience

Software Developer

Tech Solutions Inc. - East Tylerborough, TX

June 2021 - Present

- Developed a **Real-time Chat System** using FastAPI and WebSocket, enhancing user engagement by 30%. - Collaborated with a team to design an **E-commerce Platform**, implementing secure payment gateways and improving the checkout experience, resulting in a 25% increase in sales. - Optimized cloud infrastructure on **AWS**, reducing operational costs by 20% through efficient resource management. - Created an **API Gateway** to facilitate seamless communication between microservices, increasing system reliability and scalability.

Data Science Intern

DataDriven Analytics - East Tylerborough, TX

January 2020 - May 2021

- Conducted data analysis and built predictive models that improved sales

forecasting accuracy by 35%. - Developed a **Data Analytics Dashboard** for real-time insights into business performance, resulting in data-driven decision-making for management. - Collaborated with cross-functional teams to integrate machine learning algorithms into existing systems, enhancing functionality and user experience.

Skills

- **Machine Learning:** Advanced
 - **Data Science:** Advanced
 - **FastAPI:** Advanced
 - **AWS:** Intermediate
 - **PostgreSQL:** Intermediate
 - **Vue.js:** Intermediate
 - **React:** Beginner
-

Projects

• Real-time Chat System

Built a scalable chat application using FastAPI and WebSocket technology to facilitate instant communication among users. Implemented features such as user authentication and message notifications.

• E-commerce Platform

Led the development of a comprehensive e-commerce solution incorporating secure payment processing, product catalog management, and customer reviews, driving a 25% increase in user purchases.

• API Gateway

Designed and implemented an API gateway for a microservices architecture, enabling efficient routing, load balancing, and security measures, which improved application responsiveness.

• Microservices Architecture

Transitioned a monolithic application to a microservices-based architecture, enhancing modularity and reducing deployment times by 40%.

- **Data Analytics Dashboard**

Created an interactive dashboard that visualizes key performance indicators (KPIs) for stakeholders, allowing for real-time decision-making and business insights.

Education

Bachelor of Science in Computer Science

East Tylerborough University - East Tylerborough, TX

Graduated: May 2020

- Relevant Coursework: Machine Learning, Data Structures, Cloud Computing, Web Development

Certifications

- **Microsoft Azure Developer**

Completed certification demonstrating proficiency in Azure services and application development on the cloud platform.

Additional Information

- Passionate about open-source contributions and actively participating in local tech meetups to hone skills and network with industry professionals.
- Enthusiastic about continuous learning and keeping up with the latest trends in technology and programming languages.