

Emily Perez

Email: tyler56@example.com

Location: New Adamview

Summary

Dedicated and results-driven programmer with over 5 years of experience in developing robust software solutions. Proven expertise in microservices architecture and data science, coupled with a strong background in Rust and Python. Passionate about leveraging technology to solve complex problems and enhance user experience. Adept at collaborating in cross-functional teams to deliver high-quality products on time.

Experience

Software Engineer

Tech Innovations Inc. - New Adamview, NY

June 2020 - Present

- Designed and implemented a **Payment Processing System** that improved transaction speed by 30% and reduced downtime by 20% through microservices architecture. - Led a team of 5 engineers in adopting **DevOps** practices, resulting in a 40% increase in deployment frequency and a significant reduction in lead time for changes. - Utilized **FastAPI** to develop RESTful APIs, enhancing system performance and scalability.

Junior Developer

NextGen Solutions - New Adamview, NY

January 2018 - May 2020

- Developed various applications using **TypeScript** and **Python**, contributing to projects that increased client satisfaction scores by 15%. - Assisted in the transition to **AWS**, optimizing existing applications for cloud deployment and reducing infrastructure costs by 25%. - Collaborated with data scientists to implement machine learning algorithms, significantly improving data insights and reporting capabilities.

Skills

- **Microservices:** Expert
 - **Data Science:** Expert
 - **Rust:** Expert
 - **FastAPI:** Expert
 - **TypeScript:** Advanced
 - **DevOps:** Intermediate
 - **AWS:** Intermediate
 - **Python:** Advanced
 - **Redis:** Beginner
 - **Vue.js:** Beginner
 - **Git:** Beginner
-

Projects

Payment Processing System

- Developed a robust payment processing system utilizing microservices, resulting in a 30% increase in transaction speed and a 20% reduction in downtime.
- Implemented advanced security features using encryption protocols, ensuring compliance with PCI DSS standards.

Microservices Architecture

- Spearheaded the redesign of legacy applications into a microservices architecture, improving application scalability and maintainability.

- Collaborated closely with cross-functional teams to ensure seamless integration and performance optimization.
-

Certifications

- **Certified Kubernetes Administrator**
 - **Scrum Master Certification**
 - **Docker Certified Associate**
-

Education

Bachelor of Science in Computer Science

University of New Adamview - New Adamview, NY

Graduated: May 2017

- Completed coursework in software engineering, data structures, and cloud computing.
 - Participated in a capstone project focused on developing a cloud-based application for local businesses, enhancing their digital presence.
-

Emily Perez is committed to continuous learning and professional development, currently pursuing advanced training in Vue.js and Redis to broaden her skill set and enhance her contributions to future projects.