Troy Silva

New York, United States
Email: wileykelly@example.com

Summary

Dedicated and detail-oriented programmer with over 5 years of experience in designing and implementing scalable software solutions. Proficient in a wide array of technologies including **Microservices** (Expert), **Data Science** (Advanced), and **DevOps** (Intermediate). Adept at leveraging cloud services and containerization to deliver robust applications. Passionate about utilizing data-driven insights to enhance user experiences and operational efficiencies.

Experience

Software Engineer
Tech Innovations Inc., New York, NY
March 2020 - Present
- Spearheaded the development of a high-traffic **E-commerce Platform** that serves over 100,000 monthly users, utilizing **Vue.js** and **TypeScript** to create a responsive and user-friendly interface. - Implemented CI/CD pipelines using **Jenkins** and **Docker**, reducing deployment times by 40% and improving release cycle efficiency. - Collaborated with a cross-functional team to design a **Machine Learning Pipeline** that improved product recommendation accuracy by 30%, leveraging **Data Science** principles. - Managed a team of 5 developers to create a **Real-time Chat System**, integrating **Redis** for message caching and ensuring system reliability.

Junior Developer
Data Solutions Co., New York, NY
June 2018 - February 2020

- Developed a **Data Analytics Dashboard** that provided real-time insights for clients, utilizing **MySQL** for database management and **Kubernetes** for container orchestration. - Assisted in the migration of legacy systems to a microservices architecture, improving system scalability and reducing downtime by 25%. - Gained hands-on experience in **DevOps** practices, contributing to deployment automation and infrastructure as code.

Skills

- **Microservices**: Expert
- **Data Science**: Advanced
- **Jenkins**: Advanced
- **Docker**: Advanced
- **MySQL**: Advanced
- **Kubernetes**: Advanced
- **DevOps**: Intermediate
- **Rust**: Intermediate
- **Redis**: Intermediate
- **Vue.js**: Advanced
- **TypeScript**: Intermediate

Projects

- **E-commerce Platform**: Developed a fully functional online store, focusing on user experience and performance optimization. Implemented search functionalities that improved user engagement metrics by 20%.

- **Machine Learning Pipeline**: Created a system that processes user data to generate personalized product recommendations, leading to a 15% increase in sales conversions.

- **Real-time Chat System**: Designed and implemented a chat application that supports 10,000 concurrent users with minimal latency, enhancing customer support interactions.

- **Data Analytics Dashboard**: Built a dashboard for visualizing key performance indicators, resulting in a 50% reduction in reporting time for stakeholders.

Certifications

- **Microsoft Azure Developer**
  Issued: March 2021

Education

Bachelor of Science in Computer Science
University of New York, New York, NY
Graduated: May 2018
- Relevant Coursework: Software Engineering, Data Structures, Cloud Computing, Machine Learning.

Additional Information

- Passionate about contributing to open-source projects and regularly participate in hackathons and coding challenges.
- Actively engage in online communities focused on Rust and Data Science, sharing insights and learning from peers.