

Carla Rodriguez

Email: loripatrick@example.net

Location: Ericton

Summary

Passionate and results-driven programmer with over 6 years of experience in software development and data science. Proven expertise in building scalable applications and leveraging cloud technologies to enhance operational efficiency. A collaborative team player with a strong focus on delivering high-quality software solutions that meet client requirements and exceed expectations.

Experience

Senior Software Engineer

Tech Solutions Inc., Ericton

January 2020 - Present

- Led the development of a **Real-time Chat System** using Angular and PostgreSQL, resulting in a 40% increase in user engagement.
- Architected a **Machine Learning Pipeline** that improved prediction accuracy by 30% for client projects, utilizing Rust for performance-critical components.
- Collaborated with DevOps teams to enhance deployment processes, reducing deployment times by 50% through the implementation of Docker containers.

Software Developer

Innovatech Labs, Ericton

June 2017 - December 2019

- Designed and implemented an **API Gateway** that streamlined communication between microservices, leading to a 25% reduction in response times.
 - Developed a **Payment Processing System** that securely handled over \$1 million in transactions monthly, ensuring compliance with PCI-DSS standards.
 - Conducted data analysis and visualization for various projects, significantly aiding in decision-making processes for stakeholders.
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Skills

- **C++**: Intermediate
 - **PostgreSQL**: Intermediate
 - **Angular**: Intermediate
 - **DevOps**: Expert
 - **Rust**: Advanced
 - **Data Science**: Expert
 - **Docker**: Expert
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Projects

- **Real-time Chat System**: Developed a scalable chat application that supports thousands of concurrent users, utilizing WebSocket for real-time communication.
- **Machine Learning Pipeline**: Created an end-to-end pipeline for data ingestion, model training, and deployment, resulting in a 30% improvement in processing time.
- **API Gateway**: Built a robust API gateway to manage service communication, improving system reliability and scalability.
- **Payment Processing System**: Engineered a secure payment system with real-time fraud detection, processing over \$1 million in transactions monthly.

Certifications

- **Google Cloud Professional** (2021)
 - **Microsoft Azure Developer** (2020)
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Education

Bachelor of Science in Computer Science

University of Ericton

Graduated: May 2017

- Relevant coursework: Data Structures, Algorithms, Database Management Systems, Cloud Computing.
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Additional Information

- **Languages:** Fluent in English and Spanish.
- **Interests:** Open-source contributions, attending tech meetups, and mentoring junior developers.
- **GitHub:** github.com/carlarodriguez