

# Carla Rodriguez

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**Email:** loripatrick@example.net

**Location:** Ericton

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## 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.

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## 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.

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## 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](https://github.com/carlarodriguez)