

# Carmen Willis

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**Email:** teresacarroll@example.net

**Location:** South Matthew

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## Summary

Dynamic and detail-oriented programmer with over 5 years of experience in developing robust applications and efficient microservices. Proficient in a variety of technologies including AWS, Docker, and FastAPI. Proven track record in successfully delivering projects on time while enhancing system performance and scalability. Passionate about leveraging technology to solve complex problems and improve user experience.

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## Experience

### Senior Software Engineer

**Tech Innovations Inc.** – South Matthew, CA

*March 2021 - Present*

- Lead a team of 5 developers in designing and implementing a **Microservices Architecture** for an e-commerce platform, resulting in a 30% reduction in page load time and improved system reliability.
- Developed an **API Gateway** that streamlined client-server interactions, enhancing the response times by 40%.
- Utilized **Jenkins** for continuous integration and deployment, reducing integration issues by 25%.
- Mentored junior developers in best practices for **Docker** and **AWS**, fostering a culture of continuous learning and improvement.

## Software Developer

Creative Solutions Ltd. – South Matthew, CA

June 2018 - February 2021

- Played a pivotal role in the development of a **Real-time Chat System** that supported over 10,000 concurrent users, achieving a 99.9% uptime.
  - Created a **Data Analytics Dashboard** using **MongoDB** and **Vue.js** to visualize user engagement data, leading to actionable insights that increased customer retention by 15%.
  - Actively participated in the migration of legacy systems to modern **FastAPI** services, improving response times by 50%.
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## Skills

- **AWS:** Intermediate
  - **Jenkins:** Expert
  - **Docker:** Advanced
  - **Vue.js:** Intermediate
  - **MongoDB:** Expert
  - **FastAPI:** Advanced
  - **C++:** Intermediate
  - **Java:** Advanced
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## Projects

- **API Gateway:** Designed a high-performance API Gateway that improved application scalability and security, integrating with multiple microservices and external APIs.
- **Real-time Chat System:** Developed a scalable chat application with real-time messaging capabilities, utilizing WebSocket protocol and optimized for mobile devices.
- **Data Analytics Dashboard:** Created an interactive dashboard that visualized key metrics using Vue.js and MongoDB, providing critical insights to stakeholders.

- **Microservices Architecture:** Architected a distributed system for an enterprise application, enabling independent deployment and accelerated feature delivery.
  - **Content Management System:** Developed a user-friendly CMS that allowed non-technical users to manage website content effortlessly, reducing content update time by 60%.
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## Certifications

- **Docker Certified Associate** – Docker, Inc. (2022)
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## Education

**Bachelor of Science in Computer Science**

**University of South Matthew** – South Matthew, CA

*Graduated: May 2018*

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## Additional Information

- Passionate about open-source contributions and regularly participate in local hackathons.
- Actively pursuing further certifications in cloud technologies to enhance skills in AWS and Azure.
- Enjoys collaborating with cross-functional teams to drive innovative solutions and improve development processes.