

Nicole Garcia

Port Alyssa

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Summary

Dynamic and results-driven programmer with over 5 years of experience in full-stack development and machine learning. Proven ability to design and implement innovative software solutions that improve operational efficiency and enhance user experience. Passionate about leveraging advanced technologies to solve complex problems, with a strong background in both backend and frontend development.

Experience

Software Engineer

Tech Innovations Inc. – Port Alyssa, CA

June 2020 – Present

- Developed and maintained a **Web Application** that serves over 10,000 users daily, utilizing **Node.js** and **TypeScript** for backend services, achieving a 30% reduction in page load time.
- Led the design and implementation of a **Microservices Architecture**, which improved system scalability and reduced downtime by 25%.
- Collaborated with a cross-functional team to build a **Real-time Chat System** using **Go** and **WebSockets**, enhancing customer support responsiveness and user engagement.

Junior Developer

Creative Solutions Ltd. – Port Alyssa, CA

January 2018 – May 2020

- Assisted in the development of enterprise applications in **Java** and **C++**, focusing on optimizing algorithms and improving data processing speeds by 20%.
- Implemented CI/CD pipelines using **Jenkins**, which streamlined the deployment

process and reduced deployment time by half. - Participated in code reviews and provided mentorship to new team members on **Git** version control practices.

Skills

- **Node.js**: Advanced
- **TypeScript**: Advanced
- **Go**: Advanced
- **Machine Learning**: Advanced
- **Data Science**: Advanced
- **Python**: Advanced
- **Rust**: Advanced
- **Java**: Intermediate
- **C++**: Intermediate
- **Microservices**: Intermediate
- **Jenkins**: Intermediate
- **Git**: Intermediate

Projects

Web Application

- Developed a responsive web application for an e-commerce platform, integrating payment gateways and user authentication, resulting in a 40% increase in online sales.

Microservices Architecture

- Architected a microservices solution for a financial services client, enabling independent service deployment and reducing time-to-market for new features by 35%.

Real-time Chat System

- Built a scalable real-time chat system for a customer support application, which improved user satisfaction rates by 50% through faster resolution times.

Education

Bachelor of Science in Computer Science

University of Port Alyssa – Port Alyssa, CA

Graduated: May 2017

- Relevant Coursework: Data Structures, Algorithms, Software Engineering, Machine Learning
- Dean's List for 3 consecutive years

Certifications

- **Machine Learning Specialization** – Coursera
- **Certified Kubernetes Administrator (CKA)** – The Linux Foundation
- **AWS Certified Solutions Architect – Associate** – Amazon Web Services

References

Available upon request.