

Laurie Castillo

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Location: New Robert

Summary

Dynamic and detail-oriented software engineer with over 5 years of experience in developing robust applications using diverse technologies. Proficient in both backend and frontend development, with a strong focus on cloud solutions and microservices architecture. Known for my ability to lead projects from conception to deployment, delivering high-quality software solutions that meet client needs. Passionate about leveraging technology to solve real-world problems and enhance user experiences.

Experience

Senior Software Engineer

Tech Innovations Inc. - New Robert, NY

June 2020 - Present

- Led the development of an **E-commerce Platform** that increased sales by 30% within the first quarter post-launch, utilizing **Django** for the backend and **React** for the frontend.
- Architected a **Real-time Chat System** using **Node.js** and **WebSocket**, enhancing customer support efficiency by reducing response times by 40%.
- Collaborated with cross-functional teams to implement **Microservices** architecture, resulting in a 25% improvement in system scalability and maintainability.

Software Developer

NextGen Solutions - New Robert, NY

January 2018 - May 2020

- Developed a **Machine Learning Pipeline** that streamlined data processing, reducing computation time by 50% using **Python** and **FastAPI**.
 - Enhanced existing applications through integration with **PostgreSQL**, optimizing database queries that improved overall application performance by 20%.
 - Assisted in CI/CD processes using **Jenkins**, contributing to a more automated deployment pipeline.
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Skills

- **Node.js**: Intermediate
 - **Django**: Expert
 - **C++**: Expert
 - **React**: Intermediate
 - **JavaScript**: Expert
 - **Docker**: Intermediate
 - **PostgreSQL**: Advanced
 - **Jenkins**: Beginner
 - **Microservices**: Advanced
 - **FastAPI**: Intermediate
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Projects

• **E-commerce Platform**

Developed a full-stack application that supports thousands of users, featuring secure payment processing, user authentication, and an admin dashboard for inventory management.

• **Machine Learning Pipeline**

Designed and implemented a scalable pipeline for data ingestion and model

training, resulting in a more efficient workflow for data scientists and engineers.

- **Real-time Chat System**

Created a chat application that integrates seamlessly with customer service platforms, allowing for real-time communication and support.

Certifications

- **AWS Certified Solutions Architect**

Demonstrated proficiency in designing distributed systems on the AWS platform, focusing on best practices in cloud architecture and resource management.

Education

Bachelor of Science in Computer Science

University of New Robert - New Robert, NY

Graduated: May 2017

Additional Information

- Passionate about open-source contributions and regularly participate in local tech meetups to share knowledge and learn from peers.
- Enjoys solving complex problems and tackling new challenges in software development.