

Jessica Alexander

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Location: West Jeremyville

Summary

Detail-oriented and innovative software engineer with over 5 years of experience in developing scalable web applications and implementing machine learning models. Proven expertise in Docker, DevOps practices, and frontend frameworks like Vue.js and Angular. Passionate about leveraging data science to drive business solutions and enhance user experiences. Seeking to contribute my skills to a forward-thinking tech company.

Experience

Senior Software Engineer

Tech Innovations Inc. – West Jeremyville, WA

June 2021 – Present

- Led the development of an **E-commerce Platform** that increased client sales by 30% through optimized checkout processes and enhanced user interfaces.
- Implemented a **Real-time Chat System** using Vue.js and FastAPI, boosting customer engagement by 50%.
- Collaborated with cross-functional teams to integrate machine learning algorithms that improved product recommendations.

Software Engineer

NextGen Solutions – West Jeremyville, WA

January 2018 – May 2021

- Developed and maintained web applications utilizing **Angular** and **Docker**, leading to a 40% reduction in deployment times.
 - Enhanced application performance through the implementation of **Redis** for caching, which improved load times by 25%.
 - Assisted in the migration of legacy systems to cloud infrastructure as part of a DevOps initiative.
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Skills

- **Machine Learning:** Expert
 - **Docker:** Advanced
 - **DevOps:** Advanced
 - **Vue.js:** Advanced
 - **Angular:** Intermediate
 - **Redis:** Intermediate
 - **Data Science:** Intermediate
 - **Rust:** Intermediate
 - **Java:** Intermediate
 - **FastAPI:** Intermediate
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Projects

E-commerce Platform

- Developed a feature-rich platform using Angular and Docker, allowing for seamless user experiences across devices.
- Integrated payment gateways and shipping APIs, resulting in a 30% increase in sales transactions.

Real-time Chat System

- Built a scalable chat application with Vue.js and FastAPI, enabling real-time communication that enhanced customer support engagement.
- Implemented WebSocket for real-time messaging, leading to a 50% increase in user retention.

Web Application

- Designed and developed a versatile web application that allows users to track fitness goals, utilizing Rust for backend services.
 - Achieved a user satisfaction rating of 4.8/5 through user-centric design and regular feedback loops.
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Education

Bachelor of Science in Computer Science

University of West Jeremyville – West Jeremyville, WA

Graduated: May 2017

- Relevant Coursework: Data Structures, Machine Learning, Web Development, Cloud Computing
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Certifications

- **Certified Machine Learning Specialist** – Machine Learning Institute, 2022
 - **Docker Certified Associate** – Docker, 2021
 - **AWS Certified Solutions Architect** – Amazon Web Services, 2020
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Additional Information

- Active contributor to open-source projects related to machine learning and web development.

- Enthusiastic speaker at local tech meetups, sharing insights on data-driven development and cloud infrastructure.

References available upon request.