Sara Larson

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Location: Nancyfort

Summary

Passionate and results-driven programmer with a strong background in building scalable applications and microservices. Adept at leveraging advanced skills in **Docker**, **FastAPI**, and **Redis** to develop robust solutions. Proficient in **TypeScript**, **Python**, and **Vue.js**, with a keen interest in data science. Committed to continuous learning and professional growth, demonstrated by recent certifications in cloud technologies.

Experience

Software Developer

Tech Innovations Inc. | Nancyfort, CA
June 2021 - Present
- Collaborated with a cross-functional team to design and implement a **Microservices Architecture** for an e-commerce platform, resulting in a 30% reduction in response time. - Developed a **Machine Learning Pipeline** for predictive analytics, improving data processing efficiency by 25%. - Utilized **Docker** for containerization, streamlining deployment processes and enhancing application scalability. - Led the integration of **API Gateway** for seamless communication between services, improving system reliability.

Junior Developer

NextGen Solutions | Nancyfort, CA
January 2019 - May 2021
- Assisted in the development of a customer-facing **E-commerce Platform**,

enhancing user experience through a responsive **Vue.js** frontend. - Engaged in backend development using **Python** and **FastAPI**, contributing to a 15% increase in user engagement metrics. - Participated in weekly code reviews and contributed to team knowledge-sharing sessions, promoting best practices and coding standards.

Skills

- **Docker**: Advanced - Proficient in containerization and orchestration for cloud deployments.
- **FastAPI**: Advanced - Skilled in creating high-performance APIs with Python.
- **Redis**: Expert - Extensive experience in implementing caching solutions and data persistence strategies.
- **TypeScript**: Intermediate - Familiar with building scalable web applications and working with frameworks like Angular.
- **Python**: Intermediate - Developed multiple applications and scripts, focusing on automation and data analysis.
- **Vue.js**: Intermediate - Experienced in building dynamic user interfaces and single-page applications.
- **Data Science**: Beginner - Exploring data analysis techniques and machine learning models.

Projects

- **Microservices Architecture**: Architected a microservices-based application that enhanced system modularity and reduced downtime.
- **Machine Learning Pipeline**: Designed a pipeline to automate data ingestion and model training, enabling real-time predictions.
- **E-commerce Platform**: Contributed to a full-stack e-commerce solution, leading to a 40% increase in sales within the first quarter of launch.
- **API Gateway**: Implemented an API Gateway that streamlined service communication, enhancing security and performance.

Certifications

- **Microsoft Azure Developer**
  Completed: March 2022

- **Google Cloud Professional**
  Completed: August 2023

Education

Bachelor of Science in Computer Science
University of Nancyfort | Nancyfort, CA
Graduated: May 2018

Additional Information

- **Languages**: Fluent in English and Spanish.
- **Interests**: Open-source contributions, tech blogging, and participating in hackathons.
- **Community Involvement**: Volunteer mentor for local coding bootcamps.