# Kathy Erickson

**Email:** darrell85@example.net

**Location:** New Thomas

## Summary

Dedicated and results-driven programmer with a strong foundation in software development and a passion for creating efficient and scalable applications. With experience in DevOps, machine learning, and modern web frameworks, I am committed to leveraging technology to solve complex problems. I thrive in collaborative environments and am eager to contribute to innovative projects that drive business success.

## Experience

### Software Engineer

**Tech Innovations Inc.** – New Thomas, NT

*March 2021 - Present*

- Developed a **Content Management System** using FastAPI, improving content publishing speed by 40%. - Collaborated with cross-functional teams to design a **Microservices Architecture** that enhanced system scalability and reduced downtime by 30%. - Implemented CI/CD pipelines using Kubernetes, resulting in a 25% decrease in deployment times.

### Junior Developer

**Creative Solutions Ltd.** – New Thomas, NT

*June 2019 - February 2021*

- Assisted in building a **Real-time Chat System** using Vue.js and WebSocket, which improved user engagement by 50%. - Contributed to a **Machine Learning Pipeline**

project that optimized data processing tasks, reducing processing times by 20%. - Participated in Agile practices, including daily stand-ups and sprint planning, to enhance team productivity.

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## Skills

- **FastAPI** (Advanced)
- **TypeScript** (Intermediate)
- **Kubernetes** (Intermediate)
- **DevOps** (Intermediate)
- **Machine Learning** (Intermediate)
- **Redis** (Intermediate)
- **Vue.js** (Beginner)

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## Projects

### Content Management System

- Developed a robust CMS with FastAPI, enabling users to manage content effortlessly. Integrated with a PostgreSQL database for dynamic content retrieval.

### Microservices Architecture

- Designed and implemented a microservices framework for an e-commerce platform, facilitating independent scaling and reducing system failures.

### Machine Learning Pipeline

- Created a data processing pipeline that utilized machine learning algorithms to analyze user behavior, leading to targeted marketing strategies that increased conversion rates by 15%.

**Real-time Chat System**

- Engineered a chat application using Vue.js and WebSocket technology, featuring real-time messaging capabilities that enhanced customer support efficiency.

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# Certifications

- **AWS Certified Solutions Architect**
- **Scrum Master Certification**

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# Education

**Bachelor of Science in Computer Science**
University of New Thomas – New Thomas, NT
*Graduated: May 2019*

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# Additional Information

- Passionate about continuous learning and keeping up with industry trends.
- Actively participate in local tech meetups and hackathons to foster community engagement and knowledge sharing.