

# Mikayla Hayes

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**Email:** bbradshaw@example.org

**Location:** New Erinshire

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## Summary

Dynamic and detail-oriented programmer with over 5 years of experience in software development and DevOps. Proficient in a variety of programming languages and tools, with a strong focus on creating scalable solutions and enhancing system performance. Proven track record of delivering high-quality projects under tight deadlines. Passionate about leveraging technology to solve real-world problems and eager to take on new challenges in cloud computing and machine learning.

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## Experience

### Senior Software Engineer

**Tech Innovations Ltd.** | New Erinshire

*June 2021 - Present*

- Spearheaded the development of an **E-commerce Platform** that supports over 10,000 daily active users, improving the transaction speed by 30% through efficient backend architecture.
- Collaborated with a cross-functional team to design and deploy microservices using **Docker** and **Kubernetes**, resulting in a 25% reduction in deployment time.
- Optimized database queries for **MongoDB**, which enhanced data retrieval times by 40%.
- Mentored junior developers in **Java** and **C++**, contributing to a 20% improvement in team productivity.

# Software Developer

NextGen Solutions | New Erinshire

January 2019 - May 2021

- Developed a **Real-time Chat System** using **Node.js** and **Redis**, achieving a latency reduction of 50% compared to previous implementations.
  - Implemented CI/CD pipelines using **Jenkins**, which decreased the release cycle from two weeks to one week.
  - Conducted code reviews and provided constructive feedback, fostering a culture of continuous improvement within the team.
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## Skills

- **Kubernetes:** Intermediate
  - **Redis:** Expert
  - **MongoDB:** Advanced
  - **Microservices:** Intermediate
  - **Java:** Advanced
  - **Jenkins:** Intermediate
  - **C++:** Advanced
  - **Machine Learning:** Advanced
  - **DevOps:** Expert
  - **Node.js:** Advanced
  - **Python:** Intermediate
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## Projects

### E-commerce Platform

- Developed a full-stack e-commerce application with a focus on user experience and scalability, utilizing **Java**, **MongoDB**, and **Kubernetes**.
- Integrated payment gateways and ensured PCI compliance, leading to secure transactions and customer trust.

## Real-time Chat System

- Designed and implemented a chat application that supports multiple users with instant messaging capabilities using **Node.js** and **Redis** as the primary data store.
  - Achieved a seamless user experience by optimizing WebSocket communication protocols.
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## Certifications

- Certified Kubernetes Administrator
  - Docker Certified Associate
  - Google Cloud Professional
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## Education

### Bachelor of Science in Computer Science

**New Erinshire University | New Erinshire**

*Graduated: May 2018*

- Graduated with Honors, specializing in Software Engineering and Cloud Computing.
  - Completed a capstone project on **Machine Learning Algorithms for Predictive Analytics**, which received accolades from faculty for innovation and implementation.
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## Personal Interests

- Actively participating in hackathons and coding competitions to continuously improve my skills and network with other tech enthusiasts.
- Enjoys contributing to open-source projects, particularly those focused on cloud technologies and machine learning.