

# Kimberly Foster

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Francomouth

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## Summary

Motivated and detail-oriented programmer with over 5 years of experience in web development and data science. Proven track record of delivering high-quality software solutions and driving efficiency through innovative approaches. Adept at collaborating with cross-functional teams to create impactful applications and improve business processes. Passionate about leveraging machine learning and data analysis to solve real-world problems.

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## Experience

### Senior Software Engineer

Tech Innovations Ltd., Francomouth

June 2021 - Present

- Led the development of a **Machine Learning Pipeline** that improved data processing speeds by 30%, significantly enhancing model training time.
- Architected and implemented a **Microservices Architecture** for a major product, resulting in a 40% reduction in downtime during deployments.
- Collaborated with a team to create an **E-commerce Platform** that achieved a 25% increase in sales within the first quarter of launch.

### Software Developer

Creative Solutions Inc., Francomouth

January 2019 - May 2021

- Developed a responsive **Web Application** using **Vue.js** and **Django**, enhancing user engagement by 50%.
  - Played a key role in the migration of legacy systems to cloud infrastructure on AWS, improving overall system reliability.
  - Contributed to the design and development of a **Mobile App** that won the "Best User Experience" award at the Regional Tech Expo in 2020.
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## Skills

- **JavaScript** (Advanced) - Developed numerous applications with a focus on performance and maintainability.
  - **Vue.js** (Intermediate) - Utilized in various projects to create dynamic user interfaces.
  - **Data Science** (Expert) - Proficient in statistical analysis, data visualization, and predictive modeling.
  - **Machine Learning** (Expert) - Designed and implemented machine learning algorithms for real-time data analysis.
  - **Django** (Expert) - Experienced in building robust web applications with a focus on backend development.
  - **Jenkins** (Beginner) - Familiar with CI/CD pipelines to automate testing and deployment processes.
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## Projects

- **Machine Learning Pipeline**: Developed a streamlined pipeline for data preprocessing and model deployment, reducing overall project timelines by 25%.
  - **E-commerce Platform**: Collaborated on a full-stack application that integrated payment gateways and inventory management, increasing transaction efficiency.
  - **Mobile App**: Spearheaded the development of a cross-platform mobile application that received positive user feedback and a 4.8 rating on app stores.
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## Certifications

- **Google Cloud Professional**
  - **AWS Certified Solutions Architect**
  - **Docker Certified Associate**
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## Education

### **Bachelor of Science in Computer Science**

University of Francomouth, Francomouth

Graduated: May 2018

- Relevant Coursework: Data Structures, Algorithms, Machine Learning, Web Development

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## Additional Information

- Active contributor to open-source projects on GitHub, focusing on machine learning and web technologies.
  - Enthusiastic participant in local tech meetups and hackathons, fostering community and collaboration within the tech space.
  - Committed to continuous learning and professional development, regularly completing online courses in emerging technologies.
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