

Darrell Frost

Email: michaelkirk@example.com

Location: Haynesmouth

Summary

Passionate and detail-oriented software developer with over 5 years of experience in building scalable web applications. Adept at utilizing modern frameworks and cloud technologies to enhance user experiences and streamline operations. Proven track record in developing robust solutions using **Angular** and **Flask**, and managing containerized applications with **Kubernetes**. Committed to continuous learning and adapting to new challenges in the ever-evolving tech landscape.

Experience

Software Developer

Tech Innovations Inc. - Haynesmouth, UK

June 2019 - Present

- Led the development of a **Content Management System** that improved content delivery speed by **30%**, enhancing user engagement.
- Collaborated in a cross-functional team to design a **Microservices Architecture** that reduced system downtime by **25%** and improved deployment efficiency.
- Implemented best practices for code review and testing, increasing code quality and reducing bugs by **40%**.
- Utilized **Kubernetes** to orchestrate containerized applications, improving scalability and resource management.

Junior Developer

Creative Solutions Ltd. - Haynesmouth, UK

January 2017 - May 2019

- Developed and maintained several web applications using **Angular** and **Flask**, contributing to a **20%** increase in customer satisfaction scores.
 - Assisted in cloud deployment strategies using **AWS**, enhancing system reliability and performance.
 - Engaged in daily stand-ups and sprint planning, fostering a collaborative team environment focused on agile methodologies.
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Skills

- **Angular** - Expert
 - **Flask** - Advanced
 - **Kubernetes** - Advanced
 - **AWS** - Intermediate
 - **Python** - Intermediate
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Projects

Content Management System

- Developed a dynamic CMS that allows users to create, edit, and manage content seamlessly.
- Implemented user authentication and role-based access, enhancing security and user experience.
- Achieved a **30%** improvement in load times through optimized code and efficient database queries.

Microservices Architecture

- Spearheaded the design and implementation of a microservices architecture for a multi-tenant application.

- Utilized **Kubernetes** for orchestration, leading to a **25%** reduction in deployment times.
 - Enhanced system reliability, achieving **99.9%** uptime through effective monitoring and scaling strategies.
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Certifications

- **Docker Certified Associate**

Issued: August 2021

Education

Bachelor of Science in Computer Science

University of Haynesmouth - Haynesmouth, UK

Graduated: June 2016

Personal Interests

- **Open Source Contributor:** Actively contributing to various open-source projects on GitHub, focusing on improving documentation and adding features.
- **Tech Blogging:** Writing articles on software development trends and best practices, helping to share knowledge with the community.
- **Hiking:** Enjoying the outdoors and exploring nature during weekends.