

# Marilyn Francis

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**Email:** tracipratt@example.org

**Location:** Foleyside

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## Summary

Dedicated and results-driven programmer with over 5 years of experience in developing scalable web applications and machine learning solutions. Proficient in crafting efficient code and utilizing modern technologies to drive project success. A strong advocate for best practices in DevOps and software development, with a proven track record of delivering high-quality products on time.

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## Experience

### Senior Software Engineer

**Tech Innovations Inc.** - Foleyside, UK

*January 2020 - Present*

- Led a team of developers in creating a **Content Management System** that improved content delivery speed by 30% and reduced server costs by 15%. - Developed an **E-commerce Platform** that resulted in a 25% increase in sales by implementing a user-friendly checkout process and integrating multiple payment gateways. - Enhanced existing applications by implementing **Machine Learning** algorithms to provide personalized user experiences, leading to a 40% increase in user engagement.

### Software Developer

**Creative Solutions Ltd.** - Foleyside, UK

*June 2017 - December 2019*

- Collaborated on the development of a **Web Application** utilizing **Flask** and

**PostgreSQL**, reducing load times by 20% through optimized querying and caching strategies. - Designed and implemented a **Mobile App** that streamlined communication between users and services, achieving a 4.8-star rating on app stores. - Spearheaded the adoption of **DevOps** practices, resulting in a 50% reduction in deployment times and improved system reliability.

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## Skills

- **TypeScript:** Expert - Utilized for building dynamic and robust applications, leading to increased maintainability and performance.
  - **Jenkins:** Expert - Automated CI/CD pipelines, reducing integration issues and deployment times significantly.
  - **Flask:** Intermediate - Developed RESTful APIs and integrated with front-end frameworks to create seamless web applications.
  - **Vue.js:** Intermediate - Built interactive user interfaces, enhancing user experience and application responsiveness.
  - **PostgreSQL:** Intermediate - Designed efficient database schemas and optimized queries for performance.
  - **Machine Learning:** Intermediate - Implemented ML models to analyze data, providing actionable insights for business strategies.
  - **DevOps:** Intermediate - Utilized tools like Docker and Kubernetes for containerization and orchestration, improving deployment consistency.
  - **Python:** Intermediate - Developed scripts and applications to automate processes and analyze data.
  - **Redis:** Intermediate - Implemented caching solutions to improve application speed and reduce database load.
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## Projects

- **Web Application:** Developed an online platform for a local business that integrated e-commerce capabilities, increasing their online sales by 30% within the first quarter of launch.
- **Content Management System:** Created a customizable CMS for a client that allowed easy content updates, resulting in a 50% decrease in the time spent on content management tasks.

- **Machine Learning Pipeline:** Designed a data pipeline that processed and analyzed large datasets to improve predictive accuracy by 15%.
  - **E-commerce Platform:** Led the architecture and development of a feature-rich e-commerce site, achieving over 1,000 daily transactions within the first month.
  - **Mobile App:** Developed a cross-platform mobile application that enhanced user engagement, resulting in a 20% increase in daily active users.
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## Certifications

- **Docker Certified Associate** - Demonstrated proficiency in containerization and orchestration best practices.
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## Education

### Bachelor of Science in Computer Science

University of Foleyside, UK

*Graduated: May 2017*

- Relevant Coursework: Data Structures, Web Development, Machine Learning, Database Management Systems.

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## References

Available upon request.