

Dawn Shaw

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Location: Port Mary

Summary

Passionate and dedicated programmer with over 5 years of experience in software development, specializing in web applications and data science. Proven ability to design and implement scalable microservices and machine learning pipelines. Adept at collaborating with cross-functional teams to deliver high-quality software solutions that meet client needs. Committed to continuous learning and staying updated with the latest technologies.

Experience

Senior Software Developer

Tech Innovations Inc. - Port Mary, ON

June 2021 - Present

- Led a team of 5 developers in the design and implementation of a microservices architecture that improved application scalability by 40%. - Developed and maintained RESTful APIs using **Flask (Advanced)** for a high-traffic e-commerce platform, enhancing system performance and user experience. - Collaborated with data scientists to create a **Machine Learning Pipeline**, reducing model training time by 30% through optimized data handling and processing.

Software Developer

Creative Solutions Ltd. - Port Mary, ON

January 2019 - May 2021

- Built a mobile application using **JavaScript (Advanced)** and **Django (Advanced)**,

which increased user engagement by 50% in the first quarter post-launch. - Implemented **PostgreSQL (Intermediate)** databases to manage user data and application state, ensuring data integrity and security. - Worked closely with the UX team to redesign web interfaces, resulting in a 25% increase in user satisfaction scores as reported in client feedback.

Junior Developer

NextGen Technologies - Port Mary, ON

June 2017 - December 2018

- Assisted in the development of various web applications using **Python (Intermediate)** and **Flask (Advanced)**, contributing to projects that enhanced client operations. - Gained hands-on experience with **Redis (Intermediate)** for caching strategies that improved application responsiveness.

Skills

- **Flask:** Advanced
 - **Django:** Advanced
 - **JavaScript:** Advanced
 - **Redis:** Intermediate
 - **PostgreSQL:** Intermediate
 - **Microservices:** Intermediate
 - **Python:** Intermediate
 - **Data Science:** Intermediate
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Projects

Machine Learning Pipeline

- Developed a robust machine learning pipeline that automates data ingestion, processing, and model deployment, achieving a model accuracy improvement of 15% over previous benchmarks.

Mobile App

- Designed and launched a mobile application that serves over 10,000 active users, leveraging **JavaScript** for the frontend and **Django** for backend management, resulting in a highly rated user experience.
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Certifications

- **Docker Certified Associate** - 2022
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Education

Bachelor of Science in Computer Science

University of Port Mary - Port Mary, ON

Graduated: May 2017

- Dean's List for Academic Excellence (2015-2017)
 - Capstone Project: Developed a social media analytics tool that processes and visualizes data trends in real-time.
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Additional Information

- Actively participate in local coding meetups and hackathons to foster community engagement and continuous skill improvement.
 - Passionate about open-source contributions, with several projects available on GitHub.
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