

Jeffrey Fisher

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Location: Williamsport

Summary

Dedicated and results-driven software engineer with over 5 years of experience in developing scalable web applications and microservices. Expert in Flask and Redis, with a strong foundation in machine learning and cloud technologies. Proven ability to lead projects from conception to delivery, ensuring high-quality code and performance optimizations. Passionate about leveraging technology to solve complex problems and enhance user experiences.

Experience

Software Engineer

Tech Innovations Inc., Williamsport, PA

June 2020 - Present

- Developed and maintained a high-traffic web application using **Flask** and **React**, resulting in a 30% increase in user engagement.
- Designed and implemented an **API Gateway** that streamlined communication between microservices, reducing latency by 25%.
- Collaborated with data scientists to create a **Machine Learning Pipeline** that improved predictive accuracy by 15%, utilizing **Python** and **Rust** for performance-critical components.
- Mentored junior developers, fostering a culture of learning and knowledge sharing within the team.

Junior Developer

NextGen Solutions, Williamsport, PA

January 2018 - May 2020

- Supported the development of a **microservices architecture** that improved system scalability and reliability. - Contributed to the migration of the database from MySQL to **MongoDB**, enhancing data retrieval speeds by 40%. - Assisted in the integration of **Redis** for caching, which improved application response times by 20%. - Engaged in DevOps practices by automating deployment processes using **AWS**, thereby reducing deployment time by 50%.

Skills

- **Flask:** Expert
 - **Microservices:** Expert
 - **Rust:** Advanced
 - **MySQL:** Intermediate
 - **Redis:** Expert
 - **Machine Learning:** Advanced
 - **React:** Advanced
 - **MongoDB:** Expert
 - **JavaScript:** Expert
 - **Vue.js:** Intermediate
 - **DevOps:** Intermediate
 - **C++:** Intermediate
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Projects

Web Application

- Developed a full-stack web application that allows users to manage tasks effectively. Implemented features such as user authentication, real-time updates, and a responsive UI using **React** and **Flask**.

API Gateway

- Architected an API Gateway that integrates multiple microservices, providing a unified access point. This project improved the API response time and facilitated easier management of service endpoints.

Machine Learning Pipeline

- Collaborated with a data science team to build a machine learning pipeline that automates data preprocessing and model training. Utilized **Python** and **Rust** to enhance performance and efficiency.
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Certifications

- **Certified Kubernetes Administrator**
 - **AWS Certified Solutions Architect**
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Education

Bachelor of Science in Computer Science

University of Pennsylvania, Philadelphia, PA

Graduated: May 2017

Additional Information

- Actively contribute to open-source projects and engage with the developer community through forums and meetups.
- Passionate about continuous learning and staying updated with the latest technology trends.