

Samuel Rose

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Location: Hooperland

Summary

Detail-oriented and innovative programmer with over 5 years of experience in software development. Proficient in building scalable applications, with a strong emphasis on microservices architecture and cloud solutions. Passionate about leveraging data science and machine learning to drive project success. Adept at collaborating with cross-functional teams to deliver high-quality software on time.

Experience

Senior Software Engineer

Tech Innovations Inc., Hooperland

January 2021 - Present

- Led the design and implementation of a **Microservices Architecture** for a high-traffic e-commerce platform, improving performance by 35%.
- Developed and maintained a **Machine Learning Pipeline**, which increased the efficiency of data processing tasks by 40%.
- Implemented CI/CD practices using **Jenkins**, which reduced deployment times by 50% and improved release frequency.

Software Developer

CodeCrafters LLC, Hooperland

June 2018 - December 2020

- Collaborated on a **Web Application** project using **Django** and **FastAPI**, resulting in a user-friendly interface that enhanced customer satisfaction

ratings by 20%. - Utilized **Docker** to containerize applications, streamlining the development workflow and ensuring consistency across environments. - Contributed to the development of data analytics tools that leveraged **Data Science** principles, leading to actionable insights that boosted sales by 15%.

Skills

- **JavaScript**: Advanced
- **Microservices**: Intermediate
- **Docker**: Advanced
- **Git**: Beginner
- **Jenkins**: Expert
- **Machine Learning**: Beginner
- **Rust**: Intermediate
- **Django**: Expert
- **Data Science**: Advanced
- **Kubernetes**: Beginner
- **AWS**: Expert
- **FastAPI**: Intermediate

Projects

Machine Learning Pipeline

- Developed a robust machine learning pipeline that automated data preprocessing and model training, reducing manual effort by 60%. Utilized **Python** and **AWS** services to deploy the solution.

Microservices Architecture

- Spearheaded a project to transition a monolithic application to a microservices architecture, enabling independent scaling and deployment of services. This transition improved system reliability and reduced downtime by over 70%.

Web Application

- Engineered a responsive web application for a local business that integrated payment processing and inventory management. The application was built using **Django**, resulting in a 30% increase in sales through better customer engagement.

Education

Bachelor of Science in Computer Science

Hooperland University, Hooperland

Graduated: May 2018

Certifications

- **Docker Certified Associate**

References

Available upon request.