Francis Watson

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Summary

Highly motivated DevOps Engineer with a proven track record in automation, application performance optimization, and adeptness with the latest devops tools. Skilled in managing AWS cloud infrastructure and advocating for the best industry practices. Proficient in Java, Kubernetes, Jenkins, Terraform, etc.

Experience

DevOps Engineer   **Present**
SingSingmarketplace | Philadelphia, PA
- Collaborated with development and operations teams to define infrastructure-as-code (IaC) templates using Terraform, ensuring consistency across environments.
- Implemented and utilized monitoring tools such as Grafana, Prometheus, and Splunk to enhance system visibility and performance monitoring.
- Managed and optimized build pipelines to achieved substantial reduction in build times by reducing docker base image size.
- Collaborated with cross-functional teams to establish disaster recovery to ensure business continuity.

Software Engineer II   **01/2021 - 07/2022**
Tata Consultancy Service | Edison, NJ
- Developed Java Spring Boot applications, contributing to the backend functionality and learning best practices for delivering reliable software solutions.
- Implemented Action classes and controller layers using servlets, gaining hands-on experience in creating efficient user interactions.
- Utilized Java Persistence API (JPA) and Hibernate for Database Transactions, ensuring data integrity and familiarizing with database interactions.
- Collaborated with testers and business partners, actively participating in the development process and aligning deliverables with customer requirements.
- Contributed to front-end development by implementing front-end pages using JSP, HTML5, and Bootstrap, improving user-friendly design and functionality skills.

IT Support   **03/2020 - 12/2020**
Southwestern College | Winfield, KS
- Provided technical support to students, faculty, and staff, resolving software, hardware, and network issues.
- Troubleshoot and resolve technical issues related to computers, printers, and campus technology.
- Maintained and updated hardware and software, including software updates and patches.
- Managed user accounts and access to various systems and applications.
- Stayed updated with emerging technologies and trends in IT support.

Technical Skills

Programming: Java, Python, Kubernetes, Docker, Jenkins, Terraform, Ansible, Prometheus, Loki, Grafana, etc.
Cloud: Aws, Azure
Certification: AWS Solution Architect, AWS Developer – Associate, AWS Cloud Practitioner.

Education

Southwestern College   **Winfield, KS**
Bachelor of Science, Computer Science
Valley Forge Military College   **Wayne. Pa**
Associate of Arts, Justice and Security Studies