

James Miller

SOFTWARE ENGINEER

Profile

Experienced Software Engineer with a six-year background in cloud computing and DevOps practices. Proven track record of automating deployment processes, enhancing system reliability, and collaborating effectively in cross-functional teams. Seeking a senior-level role to contribute technical expertise and leadership in cloud-based environments.

Education

September 2013 – **University of Southern California, Los Angeles, CA**
June 2017 **Bachelor of Science (B.S.) Computer Science**

Certifications

- AWS Certified DevOps Engineer, Amazon Web Services (AWS), 2022
- Certified Software Engineer (CSE), Institute for Certification of Computing Professionals (ICCP), 2020

Professional Experience

February 2020 – **DevOps Engineer**, CloudTech Solutions Inc., Seattle, WA
Present

- Implement CI/CD pipelines, resulting in a 40% reduction in deployment time and faster issue resolution
- Develop scripts for automatic scaling of cloud resources based on traffic patterns in AWS and Azure environments
- Support a team of 15 developers to achieve a 99.9% system uptime over the past year, ensuring minimal disruption and maintaining a reputation for reliability
- Identify and resolve performance bottlenecks in containerized applications to improve responsiveness and resource utilization

July 2017 – **Software Engineer**, Innovative Software Solutions, San Francisco, CA
January 2020

- Created and managed complex multi-container applications using Docker Compose to streamline development and testing workflows
- Collaborated with infrastructure teams to implement IaC practices using Terraform, reducing provisioning time from an average of two weeks to less than two hours
- Conducted post-incident analysis and root cause investigations to correct and improve initiatives around disaster recovery strategies

Key skills

- Amazon Web Services (AWS)
- Containerization tools (Docker, Kubernetes)
- CI/CD pipelines
- Collaboration and teamwork
- Leadership