Mercy Baker

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PROFESSIONAL SUMMARY

Highly skilled Cloud Architect with over 10 years of experience in designing and implementing secure, scalable, and cost-effective cloud solutions. Proficient in cloud platforms such as AWS, Azure, and Google Cloud. Strong expertise in cloud migration, DevOps, and infrastructure automation. Adept at leading cross-functional teams and managing complex, multi-cloud environments.

SKILLS

- Cloud Platforms: AWS, Microsoft Azure, Google Cloud
- DevOps Tools: Jenkins, Docker, Kubernetes, Terraform
- Automation & Scripting: Python, Bash, PowerShell
- Networking: VPC, VPN, Load Balancers, CDN
- Database Management: MySQL, PostgreSQL, DynamoDB
- Security: IAM, KMS, WAF, Data Encryption
- Cloud Architecture: Microservices, Serverless, Multi-Cloud Environments

PROFESSIONAL EXPERIENCE

Senior Cloud Architect

Amazon Web Services (AWS), Seattle, WA January 2020 – Present

• Lead the design and implementation of multi-cloud architectures for enterprise clients, achieving a 30% reduction in operational costs.

- Architected disaster recovery solutions, reducing recovery time from 8 hours to 30 minutes.
- Implemented containerized applications using Docker and Kubernetes, improving scalability by 40%.
- Collaborated with security teams to ensure cloud infrastructures meet compliance with SOC2, GDPR, and HIPAA.

Cloud Solutions Architect

Microsoft, Redmond, WA
June 2015 – December 2019

- Designed and deployed Azure-based cloud infrastructures for Fortune 500 companies, increasing system reliability by 25%.
- Spearheaded cloud migration strategies, migrating over 100 on-premise applications to Azure, improving availability and performance.
- Implemented CI/CD pipelines using Jenkins and Terraform, reducing deployment time by 50%.
- Provided technical guidance and cloud architecture reviews for internal and external teams.

DevOps Engineer

Google Cloud, Mountain View, CA January 2012 – May 2015

- Managed cloud infrastructure on Google Cloud Platform, improving uptime to 99.9%.
- Automated infrastructure provisioning using Terraform, reducing manual effort by 60%.
- Developed security policies and best practices to ensure robust access control and encryption protocols.

EDUCATION

Master of Science in Computer Science

University of Washington, Seattle, WA

Graduated: 2011

Bachelor of Science in Information Technology

University of California, Berkeley, CA

Graduated: 2009

CERTIFICATIONS

- AWS Certified Solutions Architect Professional
- Microsoft Certified: Azure Solutions Architect Expert
- Google Cloud Professional Cloud Architect
- Certified Kubernetes Administrator (CKA)

PROJECTS

- Cloud Migration for Financial Firm Led a migration of 50+ applications from onpremise servers to AWS, reducing infrastructure costs by 25%.
- **Kubernetes Automation** Automated Kubernetes cluster deployments, enhancing agility and scalability for a large e-commerce platform.

AWARDS

- AWS Innovation Award, 2021
- Microsoft Cloud Excellence Award, 2018

REFERENCES

Joe Humane, Professor University of Southern California

Bill George, Director AWS