Brandon Martin
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SUMMARY

Mid-Level Software Engineer with 4 years of experience, specializing in Cloud and infrastructure development. Proven track record of delivering scalable and efficient solutions, with a key achievement of reducing deployment time by 30% through automation. Currently focused on developing infrastructure as code (IaC) using Terraform and exploring its applications in cloud-native architectures.

EXPERIENCE

Cloud Engineer
CloudCore Inc, 2020–Present
- Designed and implemented scalable cloud architectures using AWS and Terraform, resulting in a 25% increase in system uptime and a 40% reduction in operational costs
- Developed and maintained infrastructure as code (IaC) using Terraform, ensuring consistency and reproducibility across environments
- Collaborated with the DevOps team to automate deployment scripts using Jenkins and Bash, reducing deployment time by 30%
- Mentored junior engineers in cloud architecture and Terraform best practices, resulting in a significant improvement in team productivity and knowledge sharing

Software Engineer
VantaLabs, 2018–2020
- Built and deployed cloud-based applications using Python, Flask, and React, with a focus on scalability, security, and user experience
- Integrated Firebase authentication with a React Native frontend, ensuring secure and seamless user authentication
- Maintained legacy JavaScript dashboard and resolved data sync issues with MongoDB, resulting in a significant improvement in data accuracy and system reliability
- Contributed to open-source projects on GitHub, including a popular Terraform module for AWS, and participated in hackathons to develop innovative cloud-based solutions

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PROJECTS

Terraform AWS Module
Personal Project, 2022
- Developed and maintained a popular Terraform module for AWS, with over 1,000 downloads and a 4.5-star rating on the Terraform Registry
- Collaborated with the Terraform community to resolve issues and improve the module's functionality and documentation
- Used this module to deploy a scalable e-commerce platform on AWS, resulting in a 50% increase in sales and a 30% reduction in operational costs

Cloud-Based CI/CD Pipeline
VantaLabs, 2019
- Designed and implemented a cloud-based CI/CD pipeline using Jenkins, Docker, and Kubernetes, resulting in a 40% reduction in deployment time and a 25% increase in system uptime
- Integrated this pipeline with GitHub and Slack, ensuring seamless automation and notification, and resulting in a significant improvement in team productivity and collaboration

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TECHNICAL SKILLS

Languages: Python, Java, JavaScript
Frameworks: Flask, React, Terraform
Cloud: AWS, Azure, GCP
Tools: Git, Docker, Jenkins, Terraform
Databases: MySQL, MongoDB, PostgreSQL
OS: Linux, macOS, Windows

EDUCATION

Master of Science in Computer Science, Stanford University, 2018
GPA: 3.9/4.0
Relevant Courses: Cloud Computing, Distributed Systems, Computer Networks, and Machine Learning

Thesis: "A Study on the Scalability and Performance of Cloud-Based Systems"
Undergraduate Degree: Bachelor of Science in Computer Science, University of California, Berkeley, 2016
GPA: 3.8/4.0
Relevant Courses: Data Structures, Algorithms, Computer Systems, and Web Development