SHREYAS RAMESH

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Dedicated DevOps Engineer with a strong background in Cybersecurity and expertise in implementing secure enterprise infrastructure.

SKILLS
Scripting Skills: Python, Linux Shell scripting.
Azure: Azure VM, Azure Kubernetes service, Azure Functions, Application insights, Azure data factory, Azure DevOps.
Database Skills: SQL server, MySQL.
Automation: Powershell.
Monitoring tools: Splunk, Dynatrace, Datadog.
Operating Systems: Windows Server, Redhat Enterprise Linux 7+, Ubuntu 18+, Kali Linux.

PROFESSIONAL EXPERIENCE
Azure DevOps Engineer, Value Momentum, India: December 2020 - July 2023
- Built 16 end-to-end environments consisting of multiple key azure resources including virtual machines, cloud services, storage accounts and CosmosDBs.
- Facilitated 129 production release deployments from a DevOps perspective.
- Analysed and triaged 250+ real time production issues focusing on application recovery.
- Performed chaos tests to understand system vulnerabilities and created alerts on splunk improving mean time to resolution by 20 percent.
- Integrated multiple websites with SAML integration to enable single sign on for ease of user access and enhanced security measure.
- Implemented LDAP to manage user identities across multiple systems centralizing user authentication experience.
- Owned the process and drove the implementation for a commercial web application architected on AKS.
- Automated quality check scripts to run on 200+ servers using Powershell automation.
- Mentored 25 junior team members on best practices and Azure infrastructure.
- Documented process and technical nuances highlighting best practices for site reliability for a commercial web application and authored 50+ technical documents.
- Collaborated with 20 cross-functional teams, each specializing in different levels of escalations.
- Recognised for delivery excellence by automating and deploying automation scripts at scale for 200+ servers, reducing manual effort by 50+ hours.

Content Developer, Weekend Thrill, India: May 2018 - December 2019
- Authored and published over 200 travel-related blogs and guides, implementing effective SEO techniques resulting in a 23 percent increase in website traffic from customers.

PROJECTS
GuardianShield: Fortifying Security in a Multi-Tiered Web Landscape: Dec 2023
- Designed and deployed a website accessible to the internet while carefully integrating a variety of Centre for Internet Security (CIS) controls into the systems and improved security posture of the infrastructure by 25 percent.

SkyWeave: Deploying complex architectures through Automation: Oct 2023
- Architected a dynamic cloud infrastructure using Terraform and orchestrated seamless deployment through an Azure DevOps CICD pipeline while implementing version control and logging functionalities reducing manual efforts by 15 percent.

EDUCATION
Masters: Cybersecurity, University at Buffalo, The State University of New York, 2024
- GPA: 3.75 / 4.0.

Bachelor of Technology: Information technology, JNTUH, 2020
- GPA: 7.6 / 10.0.

CERTIFICATIONS
- CompTIA Security+ Jan 2024.
- Azure Fundamentals AZ 900 Dec 2021.
- Azure Administrator AZ 104 Oct 2022.