Sai Priya Anumula

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PROFESSIONAL SUMMARY:

DevOps Engineer with 5+ years of experience configuring cloud infrastructures and automating workflows. Proficient in Azure DevOps setup, CI/CD pipelines, and GitHub integration to deliver agile, scalable solutions. Skilled in using Power Automate to streamline operations and support robust, secure environments.

SKILLS

- **Cloud & Infrastructure**: Cloud Platforms, Infrastructure Automation, Security Best Practices for AWS and GCP, Secure Connections, Compliance with Industry Standards, Cloud Security, Google Cloud Storage, Google Cloud Build, GCP Services, VPC Network, Compute Engine, Snapshot Creation, Backup And Disaster Recovery, Logging And Monitoring of GCP Resources, Hybrid Connectivity, On-Premises Customer Environments, Network Setup, Deployment, UAT, Go-Live Support, Server Deployments, SSL Certs, SaaS Accounts, Database Replication Setups, SQL Server, SQL Queries, Cloud Applications, Linode, Vultr, Digital Ocean, DNS Records, Kubernetes Orchestration, Containerization Concepts, Azure Cloud Services, Virtual Machines, Azure Resource Manager, Azure Active Directory, AWS Services (VPC, EC2, S3, ELB, ASG, EBS, IAM, CloudFormation, Route 53, CloudWatch, CloudFront, CloudTrail), EFS Mount Backups, AWS System Manager Maintenance Window, AWS S3 Buckets, ECS Clusters, Site-to-Site VPN, Apache EC2 Servers, Linux Platform, Azure DevOps
- **DevOps & Automation**: GitHub, CI/CD Principles, Jenkins, Declarative Pipelines, Jenkins Jobs/Pipelines, Bash Shell Scripts, Jenkins Master-Slave Architecture, Continuous Integration, Continuous Delivery, Continuous Deployment, Docker Container Images, Docker Hub, Docker Registry, Gradle, Maven, NPM, Cloud Formation, Groovy, Bitbucket, SonarQube, Nexus, Nexus Repository, Groovy Scripts, Bitbucket Code Management, Tomcat, Build Notification Triggers, Power Automate
- **Processes & Methodologies**: Troubleshooting, Root Cause Analysis, Technical Support, Sales Engineers Support, Zabbix Monitoring Systems, Rapid7 Scanning, HIPAA Compliance, PCI Compliance, JIRA, Zendesk, HubSpot, ProofHub, LastPass, Zoho Vault, Google DialogFlow, Natural Language Models, IVR Systems, FreeSWITCH, Notification System Workflow, Telecom Providers (Telnyx, Twilio, Zipwhip), Password Management Tools, Custom Application Usage Reports, Training Teams, Security Incidents Debugging, Data Breaches Prevention, Manual Testing, Test Cases, Regression Testing, Exploratory Testing, Test Documentation, Python, Java, Object-Oriented Programming, SDLC, Agile Methodologies

PROFESSIONAL EXPERIENCE:

Marine Rescue Technologies Inc   **Jan 2021 - May 2023**
Cloud Engineer   *Sebastian, FL*
Provided safety solutions for a startup company, supporting ACNS and ACMS products.

- Configured various GCP services, including VPC network, Compute Engine, and snapshot creation to enhance backup, disaster recovery processes, and logging of GCP resources.
- Established secure, reliable hybrid connectivity between on-premises customer environments and GCP resources, improving data security and accessibility.
- Directed project implementation phases from requirement gathering and feasibility analysis to network setup, deployment, UAT, and go-live support, resulting in successful application enhancements.
- Offered technical support via phone, email, and chat for application-related issues, ensuring prompt resolution.
- Executed troubleshooting and root cause analysis to identify and resolve customer issues in a timely manner.
- Contributed actionable feedback to product improvement efforts based on customer interactions.
- Documented support interactions, solutions, and best practices in the knowledge base.
- Installed and maintained servers, implemented SSL certificates, and configured new SaaS accounts for customers.
- Managed database replication setups in SQL Server to ensure data redundancy and high availability.
- Crafted and optimized SQL queries for efficient data retrieval and analysis, enhancing database performance.
- Deployed and troubleshot cloud applications in both customer and company environments.
- Assisted Sales Engineers by providing technical guidance and support.
- Gained hands-on experience with varied cloud platforms including GCP, Linode, Vultr, and Digital Ocean.
- Deployed high-availability server setups in GCP and managed DNS records for cloud applications.
- Configured Zabbix monitoring systems and executed Rapid7 scanning to maintain HIPAA and PCI compliance.
- Collaborated with developers to debug customer issues and supported full project life cycles, enhancing customer satisfaction.
- Engaged in PCI compliance efforts to elevate company data security standards.
- Interfaced with telecom providers (Telnyx, Twilio, Zipwhip) and managed ticketing via JIRA, Zendesk, HubSpot, and ProofHub.
- Administered secure access to company resources using password management tools like LastPass and Zoho Vault.
- Demonstrated proficiency in Kubernetes orchestration and containerization through self-study and coursework.
- Compiled usage reports from custom applications and telecom data to support informed decision-making.
- Instructed customer-specific teams on product usage, boosting user proficiency and satisfaction.
- Supported the internal security team by debugging incidents and preventing data breaches.
- Utilized FreeSWITCH for traffic routing and troubleshooting call drops to specific servers.

- Optimized notification system workflows to trigger SMS, email, and voice notifications seamlessly.
- Engineered conversational interfaces with Google DialogFlow, training natural language models and enhancing IVR system accuracy.

Stacklogy Inc   Dec 2020 - Jan 2021
Cloud/DevOps Engineer   *Fremont, CA*
Automated cloud infrastructure maintenance and built operational monitoring and alerting capabilities to enhance system reliability and performance.
- Implemented security best practices for AWS infrastructure, including IAM policies, security groups, and VPC configurations to ensure regulatory compliance.
- Enhanced operational support and maintained deployed systems to ensure continuous availability and optimal performance.
- Resolved technical issues related to AWS infrastructure and services to minimize downtime.
- Stayed current with the latest AWS services and technologies, integrating new features to improve infrastructure efficiency.
- Completed online courses and tutorials to grasp fundamental Azure principles and architectures, gaining exposure to Azure DevOps practices.

Tek Leaders Inc   May 2020 - Dec 2020
Cloud/DevOps Engineer   *Plano, TX*
Collaborated with developers and QA teams to gather requirements and refine agile environments, significantly boosting project efficiency.
- Developed and configured build environments to ensure seamless integration and deployment processes.
- Configured, monitored, and maintained systems to achieve optimal performance and reliability.
- Implemented scalable infrastructure solutions for new projects, supporting smooth launches and scalability.
- Leveraged cloud environments such as AWS to enhance system flexibility and resource management.
- Utilized tools including Bitbucket, SonarQube, Nexus, JIRA, Maven, NPM, Cloud Formation, and Jenkins to streamline development processes and elevate code quality.
- Authored Groovy scripts to automate tasks and improve workflow efficiency.
- Applied comprehensive knowledge of applications, networking, security, and compliance to ensure robust system performance.

Veridic Solutions LLC (Pearson)   Oct 2018 - Apr 2020
Cloud/DevOps Engineer   *Duluth, GA*
Enhanced infrastructure efficiency and reliability by utilizing AWS services such as VPC, EC2, S3, ELB, ASG, EBS, IAM, CloudFormation, Route 53, CloudWatch, CloudFront, and CloudTrail.
- Managed infrastructure deployments using CloudFormation and Terraform tools, accelerating deployment speed and consistency.
- Maintained EFS mount backups and executed rollbacks to safeguard data integrity and availability.
- Configured AWS System Manager Maintenance Windows and provisioned S3 buckets for secure application backups.
- Established AWS components including User Accounts, Security Groups, VPC, load balancers, Autoscaling groups, Route 53, S3 buckets, and ECS clusters to optimize resource management and security.
- Set up Site-to-Site VPN connections to enhance connectivity between AWS VPCs and remote networks.
- Diagnosed application outages, CPU utilization spikes, and load-balancer issues to improve overall system performance.
- Developed custom Jenkins pipelines with Bash scripts using AWS CLI, automating infrastructure provisioning and increasing deployment efficiency.
- Designed and optimized Jenkins Master-Slave architecture on Amazon ECS, streamlining build, release, and deployment processes.
- Implemented continuous integration, delivery, and deployment strategies using Jenkins to enhance software release cycles.
- Guided the QA team in using CI/CD pipelines to automate testing, thus improving test efficiency and accuracy.
- Created custom Docker container images and automated tasks on Docker Hub and Docker Registry to enhance container management.
- Integrated JIRA with Jenkins and Bitbucket for real-time bug tracking and issue management, improving project oversight.
- Embraced Agile and SDLC methodologies to enhance project management and delivery.
- Orchestrated full CI/CD pipeline setups, assisted teams with repository management in Bitbucket, and established code coverage using SonarQube.
- Configured SSO for Jenkins UI, managing user permissions to enhance security and access control.
- Set up Build Notification Triggers from Jenkins to Microsoft Teams channels to inform developers and QA of build issues.
- Migrated traditional Jenkins jobs to declarative pipelines, maintaining jobs as Infrastructure as Code and improving consistency.
- Developed and maintained build and deployment scripts for multiple environments using Maven, Gradle, and Nexus to streamline deployments.
- Authored Groovy and Bash scripts to automate processes and enhance code management with Bitbucket.
- Managed project versions and dependencies during build processes to ensure consistency and reliability.
- Deployed web applications on Tomcat and Apache EC2 servers within Linux environments.

Cloud Hybrid Technologies LLC   Aug 2018 - Oct 2018
Programmer Analyst   *Dallas, TX*
Contributed to a collaborative development environment, boosting team productivity and project efficiency in product engineering.
- Enhanced application performance through targeted improvements, resulting in increased accuracy and system stability.
- Managed application deployments into production and provided post-release support, thereby improving user experience.
- Collaborated with senior programmers and analysts to gather detailed requirements and specifications.
- Developed, coded, and debugged new software systems while enhancing legacy systems to exceed performance expectations.

- Offered timely technical support to end-users, resolving issues effectively.
- Assisted in streamlining business processes through targeted automation initiatives.
- Participated in team meetings and brainstorming sessions to drive project improvements.
- Coordinated with team members to support various development activities and optimize project timelines.
- Focused on deepening business knowledge and product expertise to enable informed decision-making.
- Utilized core Python and Java programming skills, including object-oriented programming principles, to facilitate efficient software development.

Classcalc   **May 2018 - Aug 2018**
Manual Tester   *Los Angeles, CA*
Formulated test cases based on software requirements and design documents to ensure complete test coverage.
- Conducted manual testing of mobile applications to pinpoint defects, inconsistencies, and usability issues.
- Logged and tracked software defects using JIRA, providing detailed insights to assist developers with troubleshooting.
- Performed regression testing to verify resolution of previously identified issues and to confirm new code stability.
- Executed test cases and documented outcomes, including pass/fail statuses and deviations from expected results.
- Carried out exploratory testing to uncover unexpected issues and assess overall user experience.
- Adhered to established test plans and methodologies to maintain consistent and reliable testing procedures.
- Maintained comprehensive test documentation, including plans, cases, and summary reports.

EDUCATION:

University of the Cumberlands   **Apr 2021 - Dec 2022**
Master's, Computer and Information Systems Security

California State University   **Aug 2016 - May 2018**
Master's, computer science

Osmania University   **Jun 2012 - May 2016**
Bachelor, Computer Science

PERSONAL PROJECTS:

Static Resume Hosting and Automation
Google Cloud
- Hosted my resume as a static website on Google Cloud Storage to demonstrate cloud proficiency.
- Implemented automated deployment using Google Cloud Build, showcasing expertise in CI/CD principles.

PROFESSIONAL CERTIFICATES:

- HashiCorp Certified Terraform Associate (003) (Date Issued- March 08, 2024)
- AWS Certified Cloud Practitioner from Amazon Web Services (AWS) (Sep 2023– Sep 2026)
- Google Cloud Platform Associate Cloud Engineer (In Progress)