RAVINDRAKUMAR S

DEVOPS ENGINEER

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PROFILE

DevOps Engineer having a foundation in fundamentals of cloud computing with 3+ years of hands-on relevant experience in architecting/automating and optimizing mission-critical deployments over a large infrastructure AWS. 1. 5 years of Experience in designing, implementing, and managing secure cloud environments AZURE. Proficient with Configuration Management tools, and in developing CI/ CD pipelines. Experience specializing in Azure AD, REST API integration, and LDAP Authentication.

SKILLS

- AWS /Azure Cloud Security
- Governance, Risk, and Compliance (GRC)
- Linux and Windows Administration

- Security Frameworks
- Cloud Security Automation
- Terraform Provision

WORK EXPERIENCE

NUVENTO

Project: EduHealth
Role: Senior AWS/Azure Security DevOps Engineer   **May 2022–Nov 2023**

- Managed a team of security experts to ensure the security of AWS & Azure cloud environments, overseeing incident response, threat detection, and vulnerability management.

- Adept at developing, implementing, and managing robust security strategies by enhancing security postures across diverse industries.

- Implemented advanced cloud security controls, including zero trust network architectures, cloud access security brokers (CASB), and secure container orchestration (Kubernetes).

- Established a robust DevSecOps culture by integrating security into the CI/CD pipeline, resulting in faster and more secure application deployments.

- Collaborated with legal and compliance teams to ensure adherence to global data privacy regulations, such as GDPR.

- Conducted threat modeling exercises to identify and prioritize security risks.

- Provided cloud security training to employees.

- Contribute to the development of cloud-based solution blueprints, roadmaps, and

architectures.

- Engage with marketing and sales teams to promote the practice's capabilities and generate new business opportunities.
- Collaborate with other departments within the organization to ensure seamless integration of cloud solutions with existing IT infrastructure and business processes.
- Designing and implementing robust CI/CD pipelines using Jenkins, resulting in streamlined software delivery.
- Developed and maintained CI/CD pipelines using Jenkins, automating software delivery processes for increased efficiency.
- Hands-on experience with Linux systems, including system administration, and maintenance.
- Experience in Infrastructure as Code tools such as Terraform.
- Strong teamwork and communication skills to work effectively in cross-functional teams.
- Experience with Terraform and Infrastructure as Code methodologies, enabling the provisioning and management of infrastructure resources as code.
- Collaborated with the tech team to design and implement solutions for customer identity and access management.
- Successfully customized Azure AD and Azure AD solutions to meet specific business needs, ensuring a seamless user experience.
- Worked in Agile DevOps enabling working environment using JIRA to track issues and change Management.
- Worked with Microsoft Azure, mapping the JIRA to GIT for branching and merge.
- Integrated sonarqube with azure pipeline to check-in done by developers.
- Good Experience in Operating systems like Windows & Linux commands.

SRM Technologies

Project: Heritage Foods
Role: DevOps Engineer   **June 2018–2022**

- Demonstrated ability to solve problems using Python programming, showcasing logical thinking and algorithmic problem-solving skills.
- Experience in writing and executing Python scripts for various tasks, such as automation or data manipulation.
- Basic knowledge of Python libraries and frameworks, including but not limited to NumPy, Pandas, and Flask.
- Worked in Agile DevOps enabling working environment using JIRA to track issues and change Management.
- Experience in the provisioning Cloud Infrastructure using Amazon Web Services.

- Created Three-tier architecture in AWS using services like EC2, S3, EFS, IAM, Load Balancer, Auto Scaling, VPC, Route 53, Cloud Front, CloudWatch, RDS.
- Created S3 buckets and S3 life cycle management for old data's and logs. Also adding EBS and EFS whenever required.
- Experience on VPC peering & NAT Gateway for application servers hosted on private subnets.
- Created messaging services for serverless applications using Lambda & SNS.
- Experience on CI/ CD workflow using Code Deploy & Code Pipeline.
- Written TerraForm code for building Cloud Infrastructure. Automated builds workflow using TerraForm. Knowledge on CloudFormation.
- Good Experience with Version Control System such as Git, Administrating source code management by GitHub repository
- Created branches, tags and handled merge conflict using Git merge tool.
- Experience on implementing CI/ CD pipeline using Jenkins and running jobs on slave machine using Master Slave Connection..
- Automated build jobs and deployment process with Jenkins.
- Written Docker File to build Docker Images to run them as Docker Containers. Built and deployed Docker containers for implementing micro services architecture from monolithic architecture.
- Extensive Experience on Ansible playbooks and ad hoc commands. Created Ansible-Roles and used Ansible-Vault on configuration files.
- Knowledge on Application Monitoring Tools like CloudWatch on AWS
- Knowledge on Log Monitoring Tools like CloudTrail on AWS
- Hands-on knowledge on SonarQube for code quality check.
- Good Experience in Operating systems like Windows & Linux commands.

Cloudi5

Project: Safal Technologies
Role: Desktop Support   **November 2016–May 2018**

RESPONSIBILITIES:

- Involved in deployment activities.
- Involved in resolving customer problems like tickets/ incident for the application using **Service Now.**
- Managing website and application hosting on the server.
- Deploying various WAR files in server.
- Managing security of the server, working on **server administration.**
- Observation while deploying the application in SIT, UAT and pre-Production.
- Handled incident Control Bridge for any issues raised in the application.
- Involved in the Health check for the application on daily basis.

- Have continually lead, facilitate, and coordinate synchronized releases by using the program to maximize value delivered to their Customers.
- Managing and configuration of AWS related services.
- Knowledge in configuration and managing **Linux Virtual Machines.**
- Performing Linux administration duties including installation, maintenance.
- Troubleshoot various issues on Linux Web/Email servers quickly and efficiently.

EDUCATION

UNDER GRADUATION (UG)

College	: Sree Saraswathi Thiyagaraja College, Pollachi
Course	: BSC (IT)
Passed out	: 2016

HIGHER EDUCATION (HSC)

School	: Palani Gounder Higher Secondary School, Pollachi
Passed out	: 2013

SECONDARY EDUCATION (SSLC)

School	: Our Lady of Lourdes Matriculation Higher Secondary School, Pollachi
Passed out	: 2011

PERSONAL DETAILS

DATE OF BIRTH	: 06-January-1996.
FATHER'S NAME	: Singaram S.
GENDER	: Male.
MARITAL STATUS	: Single.
LANGUAGES	: Tamil, English.
NATIONALITY	: Indian.
ADDRESS	: 11/14, Krishnaswamy Layout, Palladam Road, Pollachi.

Yours Faithfully
Ravindrakumar S