DHARMANATHAN S

AWS DevOps Engineer

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Evolutionary IT Professional with 9 years of diverse experience | From Desktop Support to System Administration and now thriving as a DevOps Engineer | Expertise in Continuous Integration, Deployment | Actively seeking new opportunities in DevOps and Cloud Technologies.
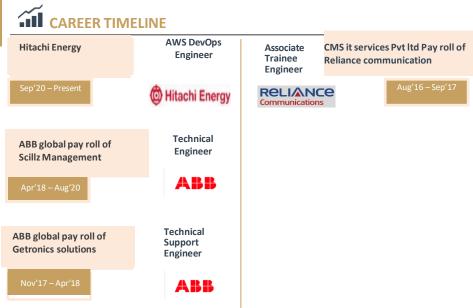
PROFILE SUMMARY

- Having a total of 9 years of experience and relevant **4** years of experience in **AWS** and **Devops** tools with Linux/Windows OS.

- Created **IAM** users for new team members, ensuring their permissions aligned with **job-specific roles**. Additionally, maintained proper roles and groups to streamline access management for respective team members.

- Skilled in deploying and managing AWS services such as **EC2**, **S3**, **RDS**, **Lambda**, and **VPC**, **Docker** and Amazon Elastic Kubernetes Service [EKS]

- Utilize **EBS** to store persistent data and mitigate failure by using snapshots.

- Ensured seamless **24/7 production support** for applications deployed across diverse platforms, maintaining optimal **performance**, **reliability**, and uptime.

- Used **JIRA** to track issues and change Management.

- Utilized Cloud Watch to monitor resources such as **EC2**, **CPU** memory, **EBS**.

- Demonstrated a deep understanding of **DevOps methodologies**, applying expertise in **automation**, **continuous integration**, and **continuous delivery** to enhance operational efficiency and accelerate software delivery timelines.

CORE COMPETENCIES

- Project Planning
- Release Management
- DevOps
- Continuous Integration & Delivery
- Application Lifecycle Management
- Stakeholder Management
- Build & Production Deployment
- Performance Management

CAREER TIMELINE

Company	Role	Period
Hitachi Energy	AWS DevOps Engineer	Sep'20 – Present
ABB global pay roll of Scillz Management	Technical Engineer	Apr'18 – Aug'20
ABB global pay roll of Getronics solutions	Technical Support Engineer	Nov'17 – Apr'18
CMS it services Pvt ltd Pay roll of Reliance communication	Associate Trainee Engineer	Aug'16 – Sep'17

TECHNICAL SKILLS

- **Operating System:** Linux and Windows
- **AWS Services:** EC2, RDS, S3, IAM, Route53, EKS, VPC
- **Web Servers:** Apache, Nginx,
- **Scripting:** Shell Script, Terraform, Ansible
- **Load Balancer:** ELB, ALB, NLB, Load balancer
- **Monitoring:** Grafana, Prometheus, Cloud Watch
- **Version Control & CICD:** GitHub, Jenkins
- **Container Service:** Docker, Kubernetes
- **Services:** MongoDB, MYSQL, PostgreSQL
- **Artifactory:** Jfrog Artifactory
- **Code Quality Tool & Secure Analysis:** SonarQube

CERTIFICATIONS

- AWS-certified Solution Architect Engineer

💼 WORK EXPERIENCE

Designation: AWS Devops Engineer **| Duration: Sep 2020 – Till Date**
Company: Hitachi Energy Technology Service Private Limited

Key Responsibilities:

- Expertise in public and private cloud infrastructure in AWS Environment which includes **EC2**, **S3**, **VPC**, **Route53**, **RDS**,
- Cloud Watch, Cloud Front, Elastic File System and IAM. Operations were automated in Cloud Formation.
- Utilized **Cloud Watch** to monitor resources such as **EC2**, **CPU** memory, **Amazon RDS DB services**,
- EBS volumes; to set alarms for notification or automated actions; and to monitor logs for a better understanding and operation of the system.
- Designed and implemented AWS Auto Scaling solutions for EC2 instance
- Setting up **CI/CD** pipelines so that each commit a developer makes goes through the standard development life cycle and
- gets tested well enough before it can make it to production.
- Designed, deployed, and managed **Kubernetes** clusters on AWS cloud platform.
- Automated deployment processes **using CI/CD** pipelines to streamline and accelerate development cycles.
- Coordinated in pushing the code to Git hub and automated the process of release by pushing all the code to **Git hub**.
- Implemented and maintained version control systems (Git) for source code management.
- Developed and maintained infrastructure as code (**IaC**) using Terraform to provision and manage cloud resources.
- Managed multiple environments with Terraform to ensure consistency and isolation between environments. Implemented and maintained Terraform workspaces and state files to handle environment-specific configurations and state management.
- Administrated and Implemented CI tools Jenkins for automated builds and integrating Unit tests and Code Quality Analysis Tools like **SonarQube**
- Create Docker images using **Docker file** and work on **Docker container snapshots**, remove images, manage Docker volumes as well as setting up Docker Host.
- Integrated Jenkins with version control systems (**Git**), automating code deployment and ensuring version control best practices.
- Provide technical expertise for troubleshooting and resolving critical issues in live environments.

Designation: Technical Support Engineer**| Duration: Apr 2018 – Aug 2020**
Payroll Company: Scillz Management Client: ABB India Limited

Key Responsibilities:
- Installing, Configuring and Hardening of Windows 2003 / 2008/2012 R2 Servers.
- Creating OU's and applying group policies depends on the project requirement.
- Using SCCM to push the OS and application in the backend.
- Administering Active Directory, managing ADS, DNS, DHCP, and patch management
- Address OS patch dependencies, fix cipher suite vulnerabilities, and maintain robust security across infrastructure.

Designation: Technical Support Engineer**| Duration: Nov 2017 – Apr 2018**
Payroll Company: Getronics solutions | Client: ABB India Limited

- Installing, Configuring and Hardening of Windows 2003 / 2008/2012 R2 Servers.
- Creating OU's and applying group policies depends on the project requirement.
- Using SCCM to push the OS and application in the backend.
- Administering Active Directory, managing ADS, DNS, DHCP, and patch management

Designation: Desktop Support Engineer| Duration: Aug 2016 – Sep 2017
Payroll Company: CMS IT Service Pvt Ltd Client: Reliance Communications

- Operating System installation like windows XP, windows7, Windows8, Windows10, windows server 2003 and Updates, Software installation, disk formatting, Responsible for maintaining the network & trouble shooting the network related issues partitioning,
- Hardware assembling, troubleshooting software resources and LAN setups.
- Responsible for configuring & troubleshooting Microsoft outlook accounts.

EDUCATION

- 2016: Bachelor of engineering from Anjalai Ammal Mahalingam engineering college Tiruvarur.
- 2012: Diploma in Computer Engineering from A.V.C, Polytechnic college Mannampandal.

PERSONAL DETAILS

Date of Birth	: 30 Apr 1992
Language Known	: Tamil, English