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DHARMANATHAN S

**AWS DevOps Engineer**

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.

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# 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.

# CAREER TIMELINE



**AWS DevOps**

**Engineer**

**Desktop Support Engineer**

**Technical**

**Engineer**

**Technical Support Engineer**

Aug’16 – Sep’17

Sep’20 – Present

**CMS it services Pvt ltd Pay roll of Reliance communication**

**Hitachi Energy**

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**ABB global pay roll of Getronics solutions**

Nov’17 – Apr’18

**ABB global pay roll of Scillz Management**

Apr’18 – Aug’20

# CORE COMPETENCIES

Project Planning

Release Management

DevOps

Solution Installation & Conf

Continuous Integration & Delivery

Application Lifecycle Management Stakeholder Management

Performance Management

Build & Production Deployment

 **TECHNICAL SKILLS**

**Operating System:** Redhat, Linux and Windows

**AWS Services:** EC2, RDS, S3, IAM, Route53, AKS, VPC

**Web Servers:** Apache, Nginx,

**Scripting:** Shell Script, Terraform, Ansible

**Load Balancer:** ELB, ALB, NLB

**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

# 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 setup Docker Host.
* Integrated Jenkins with version control systems (**Git**), automating code deployment and ensuring version control best practices.

**Designation:** Technical Support Engineer| **Duration:** Apr 2018 – Aug 2020

Payroll Company: **Scillz Management**

## 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.

**Designation:** Technical Support Engineer| **Duration:** Nov 2017 – Apr 2018

Payroll Company: **Getronics solutions**

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* 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 2019

Payroll Company: **CMS IT Service Pvt Ltd**

* 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.

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# EDUCATION

* 2016: Bachelor of engineering from Anjalai Ammal Mahalingam engineering college Tiruvarur.
* 2012: Diploma in computer science engineering from A.V.C, Polytechnic college Mannampandal.

**PERSONAL DETAILS**

Date of Birth Language Known

: 30 Apr 1992

: Tamil, English