HEMACHANDIRAN G

AWS DEVOPS ENGINEER

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Email

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Github

https://github.com/hemachandiran1102/info

CONSPECTUS

DevOps Engineer with 2 years experience in AWS. Well acquainted with Configuring, Provisioning, Pipelining 3-tier architecture on Cloud. Handled multiple elastic-beanstalk projects on AWS.

CAREER CONTOUR

SERVER&NETWORK ENGINEER (AWS DEVOPS ENGINEER):

INFINITI RESEARCH - CESSNA BUSINESS PARK (BANGALORE)

MAY 2023 – Present

- **Amazon Web Service**: Hands on experience in Serverless END TO END Application based on Two-Tier and Three-Tier SERVERLESS Architecture and services like CLOUD9, SAM , API-GATEWAY , LAMBDA ,AURRORA SEVERLESS-V2 , RDS PROXY
- **DEPLOYMENT**: CLOUDFORMATION TEMPLATES , SAM – TEMPLATES, CODE-PIPELINE , AZURE PIPELINE , EKS , Terraform
- **INCIDENT RESPONSE** : PAGER-DUTY

FREELANCER: DEVOPS SUPPORT
RoR APPLICATION

January 2023 – May 2023

- Payment Gateway Migration from Elastic Beanstalk to a Fargate (serverless) Architecture
- Managing a modulith Architecture on AWS

DEVOPS ENGINEER:

PondyBiz Technologies   Pondicherry

January 2022 – December 2022

- **Amazon Web Service**: Experience in provisioning, configuring 3 Tier architecture. Experience in services like *S3, EC2, RDS, CloudFront, ACM, SES, SNS, Elastic-beanstalk, VPC, Route-53.*

IT SKILLS

Languages:
- Shell Scripting
- Python

Technologies:

- AWS
- GitLab
- Jenkins
- Docker
- Kubernetes
- SAM
- Azure Devops
- Azure B2C

CERTIFICATIONS

AWS CERTIFIED SOLUTIONS ARCHITECT ASSOSIATE

Valid Till - FEB-08-2024

CREDLY
https://www.credly.com/badges/e17262e9-6765-4434-b60f-ed86999f2595?source=linked_in_profile

- **Linux:**
  1) Implementing API to migrate data from private S3 Bucket to Postgres database.
  2) Configuring, Hosting, Reverse Proxy, Virtual Hosting on Apache and NGINX.
  3) CRON for Push Notifications and SMTP on API.
- **Deployment**:
  JENKINS:
  1) Deployment of Node.js website on Server Environment in AWS EC2 Instances.
  2) Deployment of Node.js, Vue.js Web App on S3 CloudFront Distribution.
  3) Deployment of Elastic-Beanstalk for PHP, RoR Environments.
  4) Data Migration, Queue Process.

  Gitlab-CI/CD:
  1) Pipelining for Environments in Ruby for dev, test, stage, pre-production, production using GitLab Runners.
  2) Pipelining for Frontend Node.js , Vue.js WebApp in S3

AWS TECHNICAL INSTRUCTOR:

Micireds Technologies   Pondicherry

September 2020 – October 2021
- **Infrastructure support**: Providing support on VPC, securing infrastructure, managing, configuring, monitoring, troubleshooting EC2 instance.
- **VPN**: Configuring, Managing, Hosting VPN server for clients.
- **Instructor**: Training clients on basic concepts in AWS services.

PROJECTS

1) **GravityCare**: Gravity Care is a web and mobile based application which helps medical research institutes to do clinical trials and record patient's data in the app.
2) **SmartCare**: A Cloud-based Healthcare Platform to digitalize and simplify the task of integrating everything related to healthcare, including medical, clinical pharmaceutical procurement and maintenance of records
   Link : https://www.smartcare.health/
3) **HealthoMax**: Social Networking Site for Health Professionals
   Link : https://healthomax.com/

SCHOLASTICS

Sri Manakula Vinayagar Engineering College
Bachelor of Technology in Electronics and Communication
May 2015 – April 2019

Pondicherry, India

Adithya Vidhyasharam School
Higher Secondary
May 2013 – April 2015

Pondicherry, India

Petit Seminaire
High School
June 2001 – April 2013

Pondicherry, India

PERSONAL DOSSIER

- **D.O.B - 11 /02/1998**
- **Languages:**
  - **- Tamil**
  - **- English**
- **HOBBIES:**
  - **- Basketball**
  - **- Chess**
  - **- Night Sky Photography**