PRAVIN A MATHEW

AWS & DEVOPS ENGINEER

CONTACT

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📍 **Chennai,TN,India**

SKILLS

AWS SERVICES

- EC2
- IAM
- S3
- VPC
- RDS & DynamoDB
- Migration & Snowball
- Route53
- EBS
- SNS, SQS & Cloud Watch
- Autoscaling & ELB,ALB
- Cloud Front & Cloud Formation
- Lambda
- Elastic File System
- Elastic Bean Stalk
- Redshift & Cloud trail
- Code Deploy & Code Pipeline
- ECS,ECR & KMS

DEVOPS TOOLS

- GIT & GitHub Actions
- GitLab & GitLab CI/CD
- Jenkins
- Ansible
- Docker & Kubernetes
- Terraform ,Terragrunt & Infracost
- Splunk
- Prometheus & Grafana
- AppDynamics,New Relic & Dynatrace
- Packer

SUMMARY

IT professional with **4.8 years** of experience as an **DevOps Engineer** with a strong background in Cloud services, Infrastructure automation, and CI/CD pipelines. My ambition is to leverage my diverse skill set to enhance continuous deployment processes. Seeking a role where I can contribute to improving quality and efficiency in a forward-thinking organization.

EXPERIENCE

MATRIMONY.COM, CHENNAI
DEVOPS ENGINEER
PROJECT : MERA LUV & LUV   18th Dec 2024- 05th Feb 2025

- **Key Responsibilities:**
- Managed and maintained a self-hosted **GitLab** instance to ensure efficient source code management and version control.
- Designed and implemented a **GitLab CI/CD** pipeline for an Angular project, integrating tools such as Gitleaks, DefectDojo, and SonarQube to enhance security, vulnerability management, and code quality.
- Designed and implemented a scalable GitLab Runner architecture that executed over 50 CI/CD jobs weekly; facilitated seamless integration with existing workflows, enhancing code deployment efficiency and reducing manual intervention by 60%.
- Collaborated with cross-functional development teams to streamline code integration and deployment workflows

INTECH SOFTWARE SOLUTIONS PVT.LTD,CHENNAI
DEVOPS ENGINEER   4th May 2020- 22nd Nov 2024
Project : VALLEY BANK, NEW JERSEY, US

- **AWS Cloud Services:**
- Provisioned and managed **EC2** instances, optimizing performance and cost-efficiency for scalable infrastructure.
- Configured and maintained **S3** buckets for secure and reliable storage solutions, implementing lifecycle policies and cross-region replication.
- Managed **IAM** roles and policies to ensure secure access and compliance with best practices.
- Designed and implemented **EBS** and **EFS** storage solutions, optimizing data availability and durability.
- Monitored and analyzed system performance using **CloudWatch** setting up custom alarms and dashboards. Configured Load Balancers (**ALB, ELB**) to ensure high availability and fault tolerance of applications.

S K I L L S

SCRIPTING:

- **Bash/Shell Scripting**
- **Python**
- **Groovy**
- **YAML**
- **HCL**

REMOTE ACCESS & SSH Tools:

- **PuTTy**
- **Pageant**
- **Solar-PuTTY**
- **MobaXterm**
- **WinSCP**
- **AWS CLI**

E D U C A T I O N

POST GRADUATION
M.E Environmental Management
ANNA UNIVERSITY
2018-2020

UNDER GRADUATION
B.E. Civil Engineering
PERI INSTITUTE OF TECHNOLOGY
2013-2017

HIGHER SECONDARY
12th
BAKTHAVATCHALAM VIDYASHRAM
2012

MATRICULATION
10th
VELAMMAL MATRICULATION H.S.S
2010

P E R S O N A L I N F O R M A T I O N

- **DOB:**31-12-1994
- **Father's Name:** Rajan M
- **Nationality:** Indian
- **Gender:** Male
- **Languages Known:** English, Tamil, Malayalam
- **Address:**326,G2,Vinoth Apartment,Baba Nagar 2nd MainRoad,Villivakkam,Chennai-49

- Designed and managed **VPCs**, subnets, and security groups, ensuring a secure and isolated network environment.
- Developed and deployed serverless applications using AWS **Lambda** integrating with other AWS services for automated workflows.
- Configured **NAT** Gateways to enable secure outbound internet traffic for private instances.
- Managed **RDS** and **DynamoDB** databases, focusing on security and performance. Implemented backup strategies to maintain data integrity and availability
- Managed DNS services with **Route 53** to ensure high availability and fast performance. Configured domain names and routing policies for efficient traffic management
- **Containerization & Orchestration:**
- Deployed and managed **Docker** containers for consistent and scalable application environments across multiple stages of development.
- Orchestrated containerized applications using **Kubernetes**, ensuring seamless scaling and self-healing capabilities.
- **Infrastructure as Code (IaC):**
- Developed and maintained **Terraform** scripts for provisioning and managing cloud infrastructure, ensuring consistent and reproducible environments.
- **Configuration Management & Automation:**
- Automated configuration management and application deployment with **Ansible** using playbooks to streamline operations across multiple environments. Focused on maintaining consistency and reducing manual tasks.
- Set up and managed **Jenkins** pipelines for continuous integration and continuous delivery integrating with various testing and deployment tools.
- **Version Control:**
- Managed source code repositories using **Git** ensuring efficient version control and collaboration
- **Monitoring & Logging:**
- Monitored application performance and infrastructure health using **Prometheus** and **Grafana** setting up alerts and custom dashboards for proactive monitoring
- **Quality & Security:**
- Integrated **SonarQube** into CI/CD pipelines to enforce code quality and security standards across all projects.

DECLARATION:

I hereby declare that the information provided in this resume is accurate and true to the best of my knowledge and belief.