

Karthik Palani

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DevOps Engineer

A highly skilled DevOps Engineer with 3 years of experience in designing, implementing, and maintaining infrastructure for large-scale web applications. Proficient in using various tools and technologies to automate processes and improve efficiency. Strong expertise in cloud computing, continuous integration, and deployment, configuration management, and monitoring.

Experience

June 2017 - Aug 2018

NTT Data Services

HC & Insurance Operations Senior
Rep

- Operations team in Health
Care process and Adjudication

Nov 2022 - Present

Motherson technology service ltd

DevOps Engineer

- Deploy and Managing Gitlab ci/cd for
Iot automation builds

Aug 2019 - Oct 2022

Xmedia Solutions

Linux System Administrator

- Worked with development teams to
optimize application performance and
troubleshoot issues

Education

Apr 2017 DRBCCC Hindu College

B.C.A - Computer Application

Jun 2019 University of Madras

M.sc Cyberforensics and Information
Security

Skills

Scripting (Python, Bashl)

Infrastructure as Code (Terraform, CloudFormation)

Monitoring and Logging (Prometheus, Grafana)

Continuous Integration/Continuous Deployment (Jenkins,
GitLab)

Cloud Computing (AWS, Azure, GCP)

Containerization (Docker, Kubernetes)

Work Activities

- Designed and implemented scalable and highly available infrastructure on AWS for a large-scale web apps
- Managed infrastructure using Infrastructure as Code tools such as Terraform and CloudFormation
- Implemented infrastructure as code using Terraform and Ansible for provisioning and managing the on-premise infrastructure
- Implemented automated continuous integration and deployment pipelines using Jenkins and GitLab
- Configured and maintained container orchestration using Kubernetes to enable consistent and scalable deployments across multiple environments
- Configured and managed monitoring and logging systems using Prometheus and Grafana
- Developed automation scripts using Python and Bash
- Collaborated with development teams to optimize application performance and troubleshoot issues
- Implemented security measures to protect infrastructure and applications from cyber threats
- Managed configuration using Ansible
- Majorly worked in GitLab CI/CD to automate builds and deployment of web applications, reducing the deployment time *by* 60%
- Designed and implemented pipelines using GitLab CI/CD for automated testing, code quality analysis, and deployment to production

