Jisham PT

SYSTEM & INFRASTRUCTURE ENGINEER

Personal Profile

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NATIONALITY

Indian

Links

Personal Portfolio

Linkedin Profile

Technical Skills

Linux Administration

Devops Technologies

Cloud Technologies

Network administration

Programming & Scripting

Soft Skills

- **Capable to identify and troubleshoot technical problems.**
- **Excellent communication, analytical and presentation skills.**
- **Level headed diplomatic approach in working in groups.**
- **Efficient management and organizational skills.**

Professional Summary

- Harnessing**five years** of IT expertise for a compelling professional journey.
- Collaborated closely with the IT team to design, implement, and support diverse systems, showcasing proficiency in**VMware, Linux, and Windows Server** environments.
- I have good experience in **Amazon Web Services (AWS),Linux Administration, Networking ,Git administration.**
- Good Knowledge on different devops technologies like **Docker A**nsible,**Jenkins,Terraform,Maven build tool,Tomcat server.**
- Experience and knowledge with **Amazon web Services Cloud Services like** IAM, S3, VPC, RDS, CloudWatch, CloudFront, CloudTrail, Lambda, Route53, SNS,EFS, EBS, Auto Scaling and Elastic Load Balancer.
- Experience on Amazon Web Services (AWS) to Build & Deploy scalable infrastructure by using various AWS resource like **AWS Code pipeline ,AWS code commit , AWS code Build ,AWS code Deploy**
- Ability in managing all aspects of the configuration management process including packaging deployment release methodology and application configuration
- Good experience in creating and managing the repositories and branches in **GIT.**
- Experience in developing and executing **Shell and bash scripting**
- Knowledge on**Terraform** scripting for AWS platform
- Knowledge on security concepts

Employment Experience

System and Infrastructure Enigneer,
Infinate open Source Solution LLP (IOSS LLP), India

01/2021 - 06/2023

- Managing client infrastructure of clients in the Administration of both Windows and Linux. Launching and configuring EC2 instances using AMIs (Linux/Windows).
- Managed Git repositories for various projects, established effective branching strategies to enhance developer collaboration, addressed merge conflicts, and conducted code reviews.
- Monitoring infrastructure health, security, and capacity on a client's environment.
- Deployment of Web apps using Developer tools of AWS Cloud
- Initiating Amazon **EC2** Cloud Instances using Amazon Web Services **(Linux/ Ubuntu)** and managing and configuring launched instances
- Setup and manage Security Groups, and VPC for specific Attaching EFS Volume to multiple instances.
- Created snapshot, AMI, Elastic Load balance & AutoScaling.
- Created and configured Elastic load balancers and auto-scaling groups to distribute the traffic.
- Configured and maintained the monitoring and alerting of production and corporate servers/storage using cloud watch and SNS.
- Installing and configuring web servers.
- Increasing EBS volume storage capacity when the root volume is full using AWS EBS Volume features.
- Mounting new EBS volume to Linux and Windows instances
- Creating and configuring VPC
- moving logs into S3 buckets
- Experienced different types of monitoring tools like CloudWatch, and NAGIOS.

- Setting up, configuring, and managing **Tomcat server** instances.
- Proficient in utilizing the **Maven build tool** to streamline software development processes and automate project builds and dependencies management.
- Experience working on PHP projects and its CI/CD integration.
- Creating**Docker images** for testing application

Web Developer, Oreal Soft Solutions

06/2019 - 01/2021

- Designed and developed front-end for websites, using Bootstrap, Ajax, etc.
- Translated design team's UX wireframes and mockups into responsive, interactive features, using HTML/CSS and JavaScript.
- Added the elements of SEO for a better website ranking.
- Build client websites with WordPress.
- Modify existing code as needed.
- Develop themes and plugins

Education

Btech Computer Science & Engineering, University of Calicut

08/2014 - 05/2018

Courses

CCNA- Routing & Switching

CEH-Certified Ethical Hacking

Aws Solution Architect Associate

Tools and Technologies

- Cloud Technologies - AWS
- Configuration Management Tool - Ansible
- Operating systems - Linux(Red hat ,ubuntu,amazon linux) and Windows
- CI/CD Tool - Jenkins
- Distributed Vcs   -   Git,Github,Bitbucket
- Containerisation Tool - Docker
- Orchestration- DockerSwam
- Scripting- Shell Scripting
- Code infrastructure Tool - Terraform
- Servers - apache server ,Nginx Server
- Networking Technologies - Cisco Routing and Switching
- Ticketing Tool - Jira Ticketing Tool
- Monitoring Tool - Nagios ,Prometheus and Grafana
- Programing Languages - HTML, Javascript, PHP, C, Python
- Databases - MySql