Damarla Lokesh Kumar

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Career Objective:

To work on challenging assignments in a progressive Organization that would leverage my technical experience to the fullest potential and align my growth with the Digital growth of the organization.

Profile Summary:

I have 2 years 3 months of experience in managing Amazon Web Services, Fluency in writing pipelines using Jenkins Pipelines, AWS Code-Pipelines, Azure DevOps Pipelines, Linux Server management, Dockerised our application, deployed using Kubernetes. Implementation of CI and CD Pipelines for Developers, Automating Day to Day activities using Bash Scripting. Exposure to Modern Web Development, Object Oriented Programming and Red Hat Enterprise Linux.

Professional Experience:

Software Engineer - Implementation, NStarX Inc.

- Dockerised multiple services from scratch.
- Written Kubernetes yaml's to create Pods, Replica Sets, Deployments, Services, Jobs, Cronjob's.
- Written pipeline for automating CI and CD using Jenkins Pipelines, AWS Code Pipelines and Azure Pipelines.
- Written terraform code to automate creating of AWS EKS Clusters, Node Groups, Launch Templates, Auto-scaling Groups.
- Written Bash script to notify our team When the AWS cost limit is increased to $100 per month.
- Created Auto Scaling Groups, Load Balancer for our EC2-instances.
- Expert in ECS, EKS, Code Pipeline, EC2, RDS, S3, EBS, VPC, Snapshot, Certificate Manager, Lambda, IAM, SNS, System Manager, CloudTrail, CloudWatch Logs and Events, Disaster Recovery, Billing Alerts Services in AWS.
- Created ACR, App Service, Azure DevOps, IAM, Cost Management, Virtual Machine Services in AZURE.
- Experience in Gitlab and GitHub.
- Experience in Vulnerability scanning tools like OSWAP ZAP, Nessus.
- Static code analysis using SonarQube and Snyk.
- Written Hashi Crop Packer templates for Building application AMI's for continuous delivery and deployment.
- Experience in Monitoring tool Zabbix.
- Implemented SonarQube in CI pipeline to detect code vulnerabilities.
- Experience in Linux Administration like I/O Redirection and pipes, Managing Software, Services, Partitions, LVMs, Filesystems, Process, Users and Groups, Scheduling Jobs, resetting root password.
- Experience in managing web and application servers like Apache, tomcat and nginx.
- Implemented AWS Disaster Recovery for our server from one region to another region.
- Implemented cross-region replication on S3 and RDS.

- Implemented load testing practice before going live to optimize/scale-up the DB and App servers' performance.
- On the other side working with Data Science and Machine Learning team.
- Worked with Time Series data for data analyst.
- Worked on Large Language Models like OpenAI's ChatGPT, Google's Bard, Generative Adversarial Network, Word2Vec, TF_IDF, BERT.
- Worked as a Prompt Engineer for Hackathon Project.
- Used some Machine Learning Algorithms like Auto-Encoders, Random Forests.
- Have an idea about CNN, RNN.

Technical Skills:

- DevOps Skills on AWS, Azure, Terraform, Kubernetes, Docker, Docker Images, Docker Volumes, Docker Services, Ansible, Jenkins, Gitlab, SonarQube, Helm.
- Fluently write scripts in BASH Scripting.
- I am fluent in writing Kubernetes YAML Service files and Dockerfiles.
- I know programming languages Python, Pandas, NumPy, Matplotlib, Machine Learning, HTML, CSS, JavaScript, ReactJS.
- Know Domain Specific Languages for PSQL.
- Highly motivated team-player that forms strong relationships with colleague and has good interpersonal skills
- Comfortable working with highly distributed teams, including interaction via Webex, Mail, Chat Apps
- Ability to quickly learn new topics and put into practice for solving customer problems
- Intermediate Level Proficiency with Microsoft Word, Excel, PowerPoint

Achievements:

- **Our team is the winner of the Hackathon held in our company. Implemented "USE AI CREATE TEST SCRIPTS". I worked as an AI Developer using GPT3.5 text-Davinci I found the solution.**
- Manager's Appreciation for Automating Basic Level Things to reduce Human Errors. · Implemented CI and CD for our application deployment.
- Achieved a High-End User Satisfaction Index for quick turnaround.

Academic qualifications:

Qualification	University/board	Year of Passing	Percentage of Marks
B.Tech.	J.N.T.U. Kakinada	2020	70
Intermediate	B.I.E.	2016	82.9
10th Class	S.S.C.	2014	80

Personal Details:

Languages: Proficient in English, Telugu, Hindi
Date of Birth: 21st ^{March} 1999
Current Location: Hyderabad
Permanant Address: S/O Damarla Seshagiri Rao,
                                   D.No. 11-11-13 Avvaru Vari Street,
                                   Behind Venu Gopala Swamy Temple,
                                   Perala - 523157, Chirala (Mandal),
                                   Prakasam (Dist.), Andhra Pradesh

Declaration:

I hereby declare that all the above statements made in this resume are truth to the best of my Knowledge.

Date: 4th December 2023
Place: Hyderabad (Lokesh Kumar Damarla)