Neelavathi Sankar

CLOUD ENGINEER

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◯ Summary

Resourceful **Project Lead** experienced in evaluating and assessing client requirements and implementing infrastructure to solve identified problems. Harnessed code and cloud-native technologies to create scalable and user-centric systems. Strong negotiator with excellent value-driven solutions.

◯ Skills

Cloud Technologies:

AWS, Microsoft Azure

Operating Systems:

Redhat/CentOS, Linux, Ubuntu and Windows

Build and Deployment Tools:

Terraform, Ansible

Version Control System:

Git

Computer Languages:

Linux Scripting in bash

Networking:

NIC Bonding, DNS, FTP, SFTP, SSH, SCP, NTP, NFS, TCP/IP, LAN, WAN, Ethernet Config

Database:

Exposure to MySQL

◯ Work History

Project Team Lead – Jun 2017 to March 2022

Overseas Cyber Technical Services Pvt. Ltd. - Karaikudi, TN

- Worked in an agile software development environment, which utilized the Scrum process.
- Steered a team of 9 employees for critical 4 projects.
- Have in-depth knowledge or Software Development Life Cycle (SDLC) methodologies, assisting and working as Scrum Master on several projects, vast experience working in Agile.
- Wrote SQL queries to perform Data Validation and Data Integrity testing to ensure data quality.
- Dexterously handled User Acceptance Testing (UAT) planning, documentation, and tester training, including UAT completion sign-off.
- Networked with internal customers to understand business needs and translate them into requirements and project scope.
- Worked on Lifecycle, Create and follow up on JIRA tickets for the change requests received from various business partners.
- Prepared test cases and testing the application.
- Experience collaborating and working with various IT teams and Businesses.

Methodologies:

Scrum, Agile

OS Applications:

SVM, LVM, Kickstart, Active Directory, Sendmail, Apache, rsyslog etc..,

Design:

Adobe Photoshop, Adobe Illustrator

Change Management/Ticketing:

Zendesk with Zoho CRM

Certifications

- AWS Certified Solutions Architect – Associate

  Link <> http://bit.ly/3YHOlI3

- Complete Linux Training Course – Udemy

  Link <> https://bit.ly/3WxfMEB

Awards

- The Brainiac Award 2021
- Employee of the Month
- Leadership Award

Education

Bachelor of Engineering (ECE)
Mount Zion College of Engineering & Technology, Pudukkottai
07/2012 – 04/2016   CGPA – 7.2%

Assitant Manager – March 2020 to March 2022

Overseas Cyber Technical Services Pvt. Ltd. - Karaikudi, TN

- Increased overall productivity and consistently exceeded weekly reach goals by 20% by partnering with management to create initiatives designed to motivate staff.
- Led weekly staff meetings to motivate staff members, address concerns and questions, plan improvements and evaluate progress toward goals.
- Provided hiring recommendations to increase the company's productivity and profitability with quality workers.
- Developed objectives to offer team members a clear roadmap to help the company achieve overall goals.
- Conducted weekly staff meetings to motivate staff members, address concerns and questions, plan improvements and evaluate progress toward goals.

Linux System Lab Setup and Management

- Install and Configure Redhat/CentOS linux on virtual environment
- Password management, Linux file system management, User account management
- Create files and directories at user and root level
- Use help commands to understand other commands (man, whatis, --help etc..,)
- Utilize pipes to manage outputs
- Everyday use of filters and text processing commands (cut, sort, grep, awk, uniq, wc)
- Finding system information using commands such as (uname, dmidecode, /etc/redhat-release etc..,)
- Create critical files with vi editor
- Allow other users sudo access
- Monitor user's activity
- Run system utility commands (date, uptime, hostname, which etc..,)
- Create processes and schedules (systemctl, ps, top, kill, crontab)
- Monitor system using commands (top, df, dmesg etc..)
- Write basic shell scripts
- Manage DNS, NTP, Sendmail etc..,

⭕ Projects

Project Title: ThreeBestRated.com

- <u>Client & Location:</u> USA
- <u>Duration:</u> 5 Years|| Team: 7
- <u>Description:</u> Three Best Rated® was created with a simple goal to find you the top 3 local businesses, professionals, restaurants and health care providers in any city.
- <u>Role:</u> Held accountable for the preparation, documentation, and analysis of management information of key performance indicators to ensure targets set by the business area are met. Evaluated the quality of the team by analyzing the error trend and updating the senior management with ideas to eliminate the error, which proved successful. Managed teams, where we focused on the best practices to deliver the products.

Project Title: RatingsPro

- <u>Client & Location:</u> Karaikudi, TN
- <u>Duration:</u> 3 Months|| Team: 2
- <u>Description:</u> It is a tool that recommends the best 3 businesses using our 50-Point Inspection, including reputation, history, complaints, nearness, satisfaction, trust, cost, reviews and excellence.
- <u>Role:</u> Developed test plans and conducted unit/acceptance testing for large-scale projects. Managed the product's entire lifecycle and developed online and offline marketing strategies and benchmarking. Developed a fully functional our own analytical tool using PHP. Meet with stakeholders to analyze requirements and determine the impact on business rules. Communicated with appropriate parties to successfully influence project scope, design, and outcomes and to complete assignments.

Project Title: WarrantyValet

- <u>Client & Location:</u> USA
- <u>Duration:</u> 1.5 Months|| Team: 2
- <u>Description:</u> WarrantyValet helps store all your product warranties in your account. If you want, we can even help you with product warranty registration
- <u>Role:</u> Meet with stakeholders to analyze requirements and determine the impact to business rules. Designed test plans and conducted unit/acceptance testing for large-scale projects. Communicated with appropriate parties to successfully influence project scope, design, and outcomes and to complete assignments. Application has been hosted on Amazon Web Services(EC2, IAM, S3 and VPC) using WordPress site (Apache and Tomcat), DB Server (MySQL).

AWS Projects

1. Built a Wordpress Website Using AWS Lightsail

Services Used: Lightsail, Route53

This project began with signing up for the AWS platform and then access the Lightsail service. The main reason for using AWS Lightsail to create a website is that it comes pre-configured with leading CMSs, including WordPress, Magento, Joomla, and Redmine.

2. Built a Serverless Web App on AWS Services

Services Used: DynamoDB, Lambda, API Gateway and Amazon S3

In this project, I have deployed a simple votting system using serverless architecture in AWS. I have used here are just Amazon S3, Amazon API Gateway, AWS Lambda and Amazon DynamoDB.

3. Bulk Email Sending Through Amazon SES Using AWS Lambda Function

Services Used: IAM, Amazon SES, Lambda

In this project, we can send bulk emails through amazon simple email services using amazon lambda functions, Usually normal compose emails are delivered within 15 seconds to the recipients. But sometimes, it may take a few couple minutes, amazon simple email services delivered the email instantly.

4. Using Amazon Rekognition to Identify People

Services Used: Amazon Rekognition

We have implemented and analysed Face comparison, Facial analysis, Text in image, Celebrity recognition, Object and scene detection and Viewing metrics on Amazon CloudWatch features using Amazon Rekognition.

5. Hosted my resume as a static website by using AWS S3

Services Used: AWS S3, Route 53, CloudFront

Tools Used: Hostinger (To purchase custom domain)