**SAI MOHAN B**

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**PROFESSIONAL SUMMARY**

As a fresher AWS Cloud Backend Engineer, I am passionate about designing and developing cloud-based solutions. With a strong understanding of various AWS services, I am experienced in deploying scalable and reliable applications in the cloud.

**SKILLS**

**Programming Languages**: Java, JavaScript, Shell Scripting,

**Tools**: GIT, Jenkins, Docker, CI/CD Pipeline, Kubernetes

Terraform, Ansible, Azuredevops, Nginx, IIS,Github-CI/CD pipeline

**Frameworks**: Node js,

**Cloud**: AWS

Databases:MYSQL,Postgresql

**Operating Systems**: Windows, Linux

**CERTIFICATIONS**

**AWS Certified Solutions Architect – Associate**

AMAZON WEB SERVICE • 2022

**AWS Certified Cloud Practitioner**

AMAZON WEB SERVICE • 2022

**WORK EXPERIENCE**

**Theecode Technologies pvt.ltd 11/2022-01/02/2023, Chennai-India**

**AWS Cloud and Devops Engineer**

**Roles and Responsibilities:**

* Collaborated with cross-functional teams to drive cost optimizations and improve software development processes.
* Successfully reduced infrastructure billing by 35% and streamlined deployment processes by implementing automation tools such as shell scripts, Jenkins, and Docker. This resulted in faster and more accurate deployments, increasing productivity and cost savings for the organization
* Proficient in Windows server management, as well as hosting web applications on IIS, and expertise in SSL certification management using win-acme and Let's Encrypt in Ubuntu.
* Demonstrated a strong ability to streamline operations, reduce costs, and improve overall efficiency, resulting in successful project outcomes and secure and stable web application delivery.

**Clients:**

**Corevest, A division of redwood trust (Dec-2022,-Jan 2023)**

* Experienced in Troubleshooting and Identify the Root Cause of Issues.
* Involved in the staging as well as the production Build.
* Managed the Client’s server and troubleshooting the issues that has raised from time to time.

**WORTH (Nov-2022-present)**

* Handling the CI/CD scripting from the scratch to the Deployment to staging servers.
* Fixed the issue of the Load Balancer and Troubleshooting the Issues.

**GUVI Geek Networks, IITM Research Park 12/2020 – 10/2022, Chennai-India**

**Software Engineer**

**Roles and Responsibilities:**

* Experienced in Troubleshooting and Identify the Root Cause of Issues.
* Used Ticketing Systems to Manage and Process Support Actions and Requests.
* Increased revenue by up to 15% by developing and maintaining relationships with new clients through pre-boot camp sessions and optimizing service for existing accounts.
* Expertise in cloud foundations, including Networking, Load balancers, DNS, Security Groups, NACLs, and Routes.
* Proficient in DevOps tools and methodologies as well as security best practices, with a strong command of database technologies, including SQL and NoSQL.

**Ethnus Consultancy Services pvt.ltd 08/2018 to 09/2020 Bangalore -India**

**Roles and Responsibilities:**

* Documented technical workflows and knowledge to educate newly hired employees.
* Managed tracking of administrative activities and expenses, feedback collection and training reporting.
* Used VScode to design training for 10+ employees and increase company retention and productivity rates to 15%.
* Identified workers with specific skill sets to recommend for promotions or raises, increasing internal hiring by 10%.
* Discussed issues with team members to provide resolution and apply best practices**.**

**Projects:**

**CI/CD Pipeline Using Jenkins**

Theecode (Company Project)Dec2022 –Jan2023

* Spearheaded the implementation of Jenkins for continuous integration and delivery of the company's web application, resulting in a streamlined development process and faster time-to-market for new features and updates.
* Automated the deployment of the web application to staging and production environments, reducing deployment time from hours to less than 5 minutes and minimizing the risk of human error.
* Developed and optimized the CICD pipeline to ensure efficient and reliable deployment of lending products, enhancing the overall user experience and boosting customer satisfaction.
* Contributed to the continuous improvement of the development process by providing feedback and collaborating with cross-functional teams to implement best practices and new technologies

**System Provisioning and Configuration**

**Management (10/2022 - 11/2022)**

* Led the end-to-end deployment process of a web application using Jenkins, Docker, and AWS.
* Created a job in Jenkins to build the application and generated an image of the web application using the Docker plugin.
* Leveraged Terraform scripting to deploy the Docker image on the AWS Docker platform, resulting in a reliable and scalable infrastructure.
* Successfully delivered the project on time and within budget while ensuring high quality and optimal performance

**EDUCATION**

Bachelor of Engineering -CSE

Jawaharlal Nehru National College of Engineering • SHIVAMOGGA, INDIA • 2018