**CAREER OBJECTIVE**

Motivated and detail-oriented Computer Science graduate with hands-on experience in Linux system administration, scripting, and cloud technologies. Seeking an entry-level role to apply my skills in managing secure and scalable systems.

**TECHNICAL SKILLS**

* Launch, configure, and manage EC2 instances for scalable compute capacity. Configure security groups and key pairs for secure access.
* Install and configure Linux operating systems (Ubuntu,Amazon Linux) on servers and workstations
* Set up user accounts, software packages, and network settings
* Configure system services like SSH, FTP, Apache/Nginx, and cron jobs.
* Manage file permissions and ownership using chmod, chown, and ACLs.
* Apply system updates, patches, and kernel upgrades.
* Configure IP addresses, routing tables, DNS,
* Diagnose and resolve hardware/software issues, Respond to system alerts and user-reported problems
* Install, configure, and maintain Linux-based EC2 instances.
* Create, modify, and delete user accounts and enforce security policies for user access
* Monitor instance health and performance using Cloud Watch.
* Write Bash or Python scripts to automate routine tasks (e.g., backups, updates)
* Configure subnets, route tables, NAT gateways, and internet gateways.
* Implement VPC peering and Transit Gateway for cross-VPC communication.
* Set up monitoring for AWS resources using metrics, logs, and dashboards.
* Create alarms for performance thresholds and automated responses.
* Launch and manage RDS instances (, PostgreSQL, SQL Server, etc.).
* Configure Multi-AZ deployments and read replicas for high availability.
* Automate backups, patching, and failover using RDS features. Manage snapshots for backup and disaster recovery.
* Use AMIs in Auto Scaling and launch templates. Configure WAF rules to protect against SQL injection, XSS, and other threats.
* Integrate WAF with Cloud Front, ALB, and API Gateway.

**TECHNICAL SKILLS**

Operating Systems: Ubuntu, Linux

Scripting: Bash, Python

Networking: TCP/IP, DNS

Cloud: Basic AWS (EC2, IAM,VPC, RDS, Load Balancer, Security Groups)

Database: MySQL, PostgreSQL

**ACADEMIC PROJECT**

* **Role**  : Team member.
* **Project title** : BLOGGING WEB APPLICATION
* **Description** : By using frontend technologies like React.js Backend like Node.js with Express.js to handle server side logic and manage user requests Database PostgreSQL The "Blogging Website"project is a modern web application designed to offer a seamless and engaging platform for users to create, publish,and share blog posts.Aimed at both writers and readers,the platform enables users to create accounts,format their posts with rich text and multimedia and providing a holistic online blogging experience.

**EDUCATION**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course** | **School/College** | **University/Board** | **Year** | **Percentage of Marks/CGPA** |
| B.Tech.  (CSE) | University college of engineering kakatiya university kothagudem | KAKATIYA UNIVERSITY | 2021-2025 | 7.4 |
| Intermediate | IPS prime junior college Bheemaram, Hanamkonda | Board of Intermediate  Education | 2019-2021 | 87% |
| S.S.C | Telangana State Model School Jawaharnagar,  Venkatapur | Board of Secondary  Education | 2018-2019 | 9.2 |

**DECLARATION**

I am Venkataramana, hereby confirm that the information given above is true to the best of my knowledge.