**Professional Summary:**

* Having **01 Year and 06 Months** as a Network Engineer in a 24x7 support environment, focusing on monitoring, troubleshooting, and maintaining enterprise network infrastructure to ensure seamless connectivity and high availability.
* Hands-on experience with AWS services: **VPC, RDS, IAM, EC2, S3, SNS, Auto Scaling, CloudWatch, ECR, ECS, EventBridge, Lambda, CloudFront**
* Strong knowledge of **EC2, including application deployment, load balancing,** and **health monitoring.**
* Implemented **Auto Scaling** to ensure high availability based on web traffic.
* Enabled **S3 versioning** for data security and rollback in case of accidental deletion.
* Configured **CloudWatch alarms** for real-time monitoring and alerting.
* Set up SNS notifications for **Auto Scaling** and **CloudWatch** alerts.
* Pushed container images to **ECR** and ran them on **ECS**.
* Created **ECS** task definitions for managing containerized applications.
* Used **EventBridge** to invoke Lambda functions for scheduling EC2 instance operations.
* **Created CloudFront distributions** for content delivery, using **S3 as the origin**.
* Deep knowledge of **Core Java, Spring Boot, REST APIs, Spring Data JPA, and Spring JDBC**, with a strong foundation in **Object-Oriented Programming (OOP)**.
* Strong problem-solving skills, analytical thinking, and excellent communication abilities.
* **Continuously learning** and staying updated with emerging trends in software development.

**Skills Snapshot:**

|  |  |
| --- | --- |
| Technical Skills | AWS Services like **VPC, RDS, IAM, EC2, S3, SNS, Auto Scaling, CloudWatch, ECR, ECS, EventBridge, Lambda, CloudFront**. Core Java, Spring Boot, JPA, SQL, React, Docker, Kubernetes, Git, Rest Full Webservices, |
| Functional Skills | Communication, Adaptive, Multitasking |

**Education Details:**

|  |  |
| --- | --- |
| Qualification | Educational Institution |
| Graduation (B.E Computer Science) | BHIMAVARAM INSTITUTE OF ENGINEERING AND TECHNOLOGY, PENNADA. |
| HSC | SRI CHAITANYA JUNIOR COLLEGE, BHIMAVARAM. |
| SSC | ST ALOYSIUS EM HIGH SCHOOL, AKIVEEDU. |

**Detailed Professional Experience:**

|  |  |
| --- | --- |
| Current Organization | Trainee Programmer; Yash Technologies Pvt. Ltd. (October 2024 – till date) |
| Previous Organization | Network Engineer; CSS Corp Pvt. Ltd. (June 2021 – June 2022) |

**Detailed Project Experience:**

|  |  |
| --- | --- |
| Project 01 | Nov-2024 to till Date |

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| --- | --- |
| Client Name | YASH Technologies |
| Project Name | Inventory App |
| Team Size | 6 |
| Role | Trainee Programmer |
| Environment | React |

Brief Description of Project:

The Inventory App is a web-based application designed to manage and display a list of products. It includes features for user authentication, product management, and an intuitive user interface for browsing and searching products.

**Contribution:**

* **Registration:** New users fill out a registration form to create an account.
* **Login**: Existing users log in using their credentials.
* **Product Viewing**: Logged-in users can browse and view the list of products.
* **Search**: Users can search for specific products using the search bar.
* **Pagination**: Products are displayed in pages to improve navigation and performance.
* **Add to Cart**: Users can add desired products to their shopping cart.

|  |  |
| --- | --- |
| Project 02 | July 2021 to June 2022 |

|  |  |
| --- | --- |
| Client Name | CSS Corp |
| Project Name | Cloud-Native Infrastructure & Application Deployment on AWS |
| Team Size | 12 |
| Role | Network Engineer |

**Description:**

Developed a **Cloud-Native Infrastructure & Application Deployment on AWS**, ensuring scalability, high availability, security, and reliability. The system enables **efficient application hosting, automated scaling, secure transactions, and optimized resource management** while leveraging AWS cloud services for seamless performance.

**Contribution:**

**User Authentication and Access Control:**

* Implemented IAM roles and policies to control access.
* Enabled Multi-Factor Authentication (MFA) for security.

**Product Catalog & Storage:**

* Stored product images and data securely in Amazon S3.
* Enabled S3 Versioning to prevent accidental data loss.

**Order Processing & Messaging Services:**

* Used SQS for asynchronous order processing.
* Configured SNS notifications for real-time updates.

**Compute & Scaling:**

* Hosted the application backend on EC2 instances.
* Enabled Auto Scaling to handle traffic spikes dynamically.
* Deployed ELB (Elastic Load Balancer) to distribute traffic efficiently.

**Monitoring & Alerting:**

* Configured CloudWatch Alarms to monitor system health.
* Integrated SNS notifications for failure alerts.

**Containerization & Deployment:**

* Pushed Docker images to ECR and deployed them via ECS.
* Created ECS task definitions for managing microservices.

**Event-Driven Automation:**

* Used EventBridge to trigger Lambda functions for scheduled tasks.
* Enabled automatic start/stop of EC2 instances based on business hours.