VAITHEESWARI C

Junior Devops Engineer

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CAREER OBJECTIVE

Dedicated Junior Devops Engineer aspirant with solid background as a Data processing Analyst with three years of experience. Certified AWS Cloud Solutions Architect Associate. Proven track record in data management, analysis. Hands on knowledge of Linux OS, Virtualization, DevOps tools, managing cloud infrastructure and data centers. Passionate to learn new cloud technologies and system operations. Effective in 24x7 operational environments with excellent coordination and communication skills across teams.

SKILLS

- **Operating System:** Linux
- **Version Control:** Git
- **AWS Services:** EC2, VPC, S3, RDS, DNS, Load balancer, SQS, SNS, Code Build, Code Commit, Code pipeline
- **Scripting languages:** Bash, Python
- **Cloud Security:** IAM
- **CI/CD Tool:** Jenkins
- **Containerization:** Docker
- **Orchestration:** Kubernetes
- **Monitoring Tool:** Cloud Watch
- **IAAC:** Terraform, Ansible

CERTIFICATION

- AWS Certified Solutions Architect – Associate - Certificate
- Certification in Cloud and DevOps - IIT Guwahati -Certificate

EXPERIENCE

Data Processing Analyst   September 2021 -   Present
NIQ -Chennai, Tamil Nadu

- Conducted in-depth data exploration using SQL and Excel dashboards, uncovering trends, patterns, and anomalies which informed strategic business decisions and collaborations
- Extract the data from Oracle DB, Transformed the data by using Python Visual Studio Code, Python shell Scripting, Loaded the transformed data to target data storage.
- Visualized the data sets into interactive dashboards and reports using Excel. Some of my notable achievements which decreased the data processing time by using Spark and increase the productivity by 20%, delivered the high quality data in the format of Parquet.
- Assist critical user data issues efficiently, created a documentation of Incident managements and support

EDUCATION

- June 2018- June 2021
  Bachelor of Science in Physics | Bishop Heber College | Trichy
  7.5 CGPA |Member of Bharathidasan University

PROJECTS

Automation Pipeline for Oracle Integration and Code Quality Analysis using Jenkins, GitHub, and SonarQube
Developed and implemented a Continuous Integration and Continuous Deployment pipeline using Jenkins, GitHub, and SonarQube for automating the deployment of Oracle integration files and database scripts. Integrated webhooks to trigger builds and automated code quality checks using automation tools, reducing manual effort. Enhanced efficiency, accuracy, and scalability of the development and deployment process and used Agile methodologies to achieve the results.

Automation Framework Development using Jenkins & ETL pipeline
Enhance the efficiency and accuracy of data processing by using ETL Python with automating the manual tasks by using Jenkins continuous integration pipeline and reducing human intervention by 30%, ensuring timely delivery of data insights

Hosting a multi-tier application on AWS
Hosted a multi-tier application on AWS leveraging EC2 virtual server, Apache web server and RDS Database and network protocol VPC. The hosted Word press application was example of how a multi-tier architecture can be easily deployed in minutes using AWS infrastructure and could be scaled up and down depending upon the load and traffic.