Vikas Singla

Software Engineer

A business professional having 3 years of experience in Information Technology with expertise in various AWS services and DevOps tools.

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SKILLS

Python   SQL   RedShift   AWS CodePipeline   JIRA   AWS CloudFormation   Agile   Scrum   Linux   Git   AWS IAM   AWS Glue   AWS Lambda   pySpark   pandas   numpy   visio   Confluence

TOOLS

Python IDE   Jupyter   Postman   PyCharm   SQL Server   MS-Office   Outlook   Microsoft Teams

WORK EXPERIENCE

Senior Analyst
Polestar Solutions and Services India Pvt Ltd

12/2021 - Present   *Delhi NCR, India*
A trusted global IT services company with offerings around analytics, data warehousing, enterprise application development & content management.

Achievements/Tasks

- Developing and unit testing ETL Python transformations at various layers in AWS Glue using pyspark and pandas libraries.
- Deploying, managing and configuring RDS instances and Redshift clusters.
- Establishing and configuring connections through APIs with Lambda functions in AWS.
- Visualising data at reporting end with tools like QlikSense, Tableau.
- Implementing and configuring CI/CD pipelines across different environments.
- Development of Lambda functions to orchestrate the movements of different objects at different levels.

Application Development Analyst
Accenture Solutions Pvt Ltd

09/2019 - 12/2021   *Delhi NCR, India*
A multinational professional services company that specializes in information technology services and consulting.

Achievements/Tasks

- Developed ETL processes in AWS Glue to migrate data from on-premise SQL servers into AWS environment.
- Configuration of CICD pipeline in AWS among different environments.
- Creation and deployment of resources via AWS CloudFormation and creating YAML scripts.
- Deploying and managing EC2 instances and resolving security vulnerabilities over them.
- Got promoted to Application Development Analyst from Application Development Associate.

PROFESSIONAL PROJECTS

Database Migration Project - Lafarge Holcim (01/2022 - Present)

- Built new environment for analyzing monthly data reports for visualization and reporting purposes. Captured data from sources via APIs through AWS lambda and used AWS Glue for further layer transformations.

Data Migration Project - Seattle Police Department, Govt. Of Washington, United States (06/2020 - 12/2021)

- Migration of on-premise servers transformations to AWS by capturing data from third party data sources and developing required transformations and enhancements in AWS Glue which further increased the efficiency and reduced the maintenance costs.

EDUCATION

Maharaja Agrasen Institute Of Technology, Guru Gobind Singh Indraprastha University, Delhi, India (08/2015 - 07/2019)
Bachelor Of Technology, Electrical and Electronics Engineering

CERTIFICATES

AWS Solutions Architect Associate (06/2020 - 06/2023)
Provides a basic overview of majority of AWS services with in-depth knowledge on some of the most commonly used services.