UDAYA BASKAR GUJJULA

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OBJECTIVE

Certified AWS Solution Architect and Data Analyst with close to 3 years of experience in analyzing data and building cloud-based products on AWS. Skilled in designing and implementing scalable solutions, data processing, and visualization to drive business insights. Passionate about leveraging expertise in AWS architecture and data analytics to deliver high-impact, data-driven products. Seeking to contribute to innovative projects and enhance product development in a collaborative environment.

EDUCATION

Bachelor of Electrical and Electronics, Amrita University   2018 - 2022
CGPA - 8.07

SKILLS

Programming languages	C, Python, SQL
Databases	PostgreSQL, Microsoft SQL Server
Big Data Technologies	PySpark, Databricks, Hadoop, Hive
ETL and Visualization	Informatica, PowerBI, QuickSight
Amazon Web Services	S3, Lambda, Athena, IAM, RDS, Glue, SageMaker, API Gateway, Cloudwatch, EC2, Cognito, VPC, SES, End User Messaging, SQS, SNS, EventBridge, Pinpoint, Kinesis, Lex, Connect
Other Skills	Git, Bitbucket, ETL, Data Analysis, Excel, Machine Learning, Deep Learning, Solution Architect

EXPERIENCE

Cloud Engineer & Data Analyst   Jul 2022 - Present
EXL Services   *Bangalore, India*

- Led the development and optimization of a product focused on collections improvement, working closely with cross-functional teams to define requirements, design features, and prioritize tasks to meet business goals.

- Conducted in-depth performance analysis of the product, utilizing key performance indicators (KPIs) and customer data to identify trends, areas of improvement, and actionable insights to enhance product functionality and user experience.

- Created and maintained real-time dashboards using tools like Quicksight visualizing key metrics such as payment rates, payer rates, and user engagement rates to monitor product performance and decision-making.

- Collaborated with stakeholders to define success metrics and establish data-driven goals, ensuring alignment between product features and performance outcomes, resulting in increasing of collections efficiency.

- Developed predictive models and reports to forecast product performance and collection outcomes, enabling proactive adjustments to strategies and driving continuous improvements in product effectiveness.

Programmer Analyst   Jan 2022 - Jun 2022
Cognizant   *Bangalore, India*

- Gained hands-on experience with Informatica PowerCenter, assisting in the development and optimization of ETL processes to integrate and transform data for reporting and analytics.

- Assisted in the creation of data mapping and transformation logic using Informatica tools to ensure accurate data flow, reducing errors in reporting and enhancing data quality.

- Worked closely with business analysts to understand data requirements and translated them into functional ETL processes, supporting data-driven decision-making across different teams.

PROJECTS

Support Vector Machine based Short Term Solar Power Prediction. Build a model that predicts the solar power using Support vector machine algorithm by implementing the Hyper-parameter techniques like Grid Search, Random Search.

Deep Learning-Based Multi-step Forecasting for Photovoltaic Power Generation: A Comprehensive Comparative Study. Build a models using various deep learning algorithms like Long short term memory(LSTM), Bidirectional long short term memory(BI-LSTM), Gated recurret unit(GRU) and studied the behaviour of each algorithms.

PUBLICATIONS

- Deep Learning-Based Multistep Forecasting for Photovoltaic Power Generation: A Comprehensive Comparative Study. Published in: 2023 International Conference on Self Sustainable Artificial Intelligence Systems (ICSSAS).

- Support Vector Machine based Short Term Solar Power Prediction. Published in: 2022 6th International Conference on Intelligent Computing and Control Systems (ICICCS)

CERTIFICATIONS

- AWS Certified Solutions Architect

- Data Science

- Machine Learning

- Deep Learning

- Embedded Hardware and Operating Systems