

Vignesh

Bachelor of Technology
in Information Technology
Sastra Deemed University

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OBJECTIVE

AWS Certified Cloud Practitioner. Aspiring Cloud Computing enthusiast. Specializing in cloud technologies and Data Analytics. I'm a committed and driven third-year student studying information technology with a focus on data analytics and Azure cloud services. Possessing a solid foundation in programming languages like SQL, Python, C, C++, Flask Framework. Have worked on AWS EC2 and related services, S3, QuickSight, Athena, DynamoDB, CloudFront etc..

Currently seeking internship to further develop my skills and contribute to real-world projects. Let's connect and explore how I can add value to your team.

EDUCATION

Degree	Institute	Board / University	CGPA/Percentage	Year
B.Tech Information Technology	Sastra Deemed University	Sastra Deemed University	7.49 (Till 5th sem)	2022-2026
Higher Secondary	Vairams Matriculation Higher Secondary School, Pudukkottai	Tamil Nadu State Board	94%	2022
Senior Secondary	Vairams Matriculation Higher Secondary School. Pudukkottai	Tamil Nadu State Board	97%	2020

PROJECTS

- **Real-time Data Processing Pipeline with Kafka on AWS EC2:** Designed and deployed a real-time data pipeline using Apache Kafka on AWS EC2, streaming data to S3 for processing with AWS Glue, Athena, and QuickSight. Configured secure Kafka producer-consumer communication for external data ingestion, integrated Jupyter Notebooks for real-time processing, and automated data transformation using AWS Glue crawlers. Enabled seamless querying via Athena and visualization in QuickSight, showcasing a cloud-based event-driven architecture for real-time analytics.
- **Interactive Dashboard for Netflix Dataset using Amazon QuickSight :** Created an interactive Dashboard by using Amazon QuickSight. This project involved two services: AWS S3 and Amazon QuickSight.
- **Serverless CRUD Management Application in AWS:** A serverless web application designed for saving and viewing book data. AWS S3, AWS Lambda, API Gateway, DynamoDB, CloudFront are they key services used.

TECHNICAL SKILLS

- Programming Languages: C/C++, Python
- Operating Systems: Windows & Linux
- Cloud Platforms: AWS

KEY COURSES TAKEN

- CSE & Mathematics: C++,Data Structures and Algorithms,Database Management System and Operating System.

CERTIFICATIONS

- **AWS Certified Cloud Practitioner**
- **Google Data Analytics Foundations** Coursera
- **Programming for Everybody (Getting Started with Python)** University of Michigan ,Udemy