Vijayshankar Murugan

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Summary

A motivated Computer Science Engineering student with a strong interest in cloud computing and AWS. Eager to leverage my technical skills and passion for cloud technologies to contribute to innovative projects, enhance scalability, and drive efficient solutions in a dynamic environment. Seeking opportunities to grow and excel in the cloud domain.

External links

GitHub _ Portfolio _ Leetcode _ Linkedin _ YouTube

Education

BE - Computer Science and Engineering | Karpagam Institute Of Technology | 11/2026 | Coimbatore , Tamil Nadu
CGPA : 7.3

Projects

Face Recognition Attendance System (AWS)
- Built a serverless web-based system using Rekognition, Lambda, API Gateway, S3, and DynamoDB.
- Integrated webcam-based face verification and admin dashboard for attendance tracking.

URL Shortener with Click Analytics (AWS)
- Developed a serverless URL shortener using API Gateway, Lambda, DynamoDB, and S3.
- Enabled real-time click tracking and bot traffic filtering; enforced CORS for secure access.

Job Portal (AWS)
- Created a fully serverless job portal using S3, CloudFront, Lambda, API Gateway, and DynamoDB.
- Enabled real-time job posting and retrieval with a scalable, cost-effective architecture.

E-Commerce Website (AWS)
- Built a serverless e-commerce platform with S3, CloudFront, Lambda, API Gateway, and DynamoDB.
- Developed product/order APIs, admin panel, and customer cart/order flow; designed for future auth/payment integration.

Student-Teacher Performance Prediction Model
- Built a machine learning model to predict student performance using academic and teacher-related data.
- Utilized Python (Pandas, Scikit-learn) for data processing, model training, and evaluation.

Skills

Cloud - AWS Cloud Services

Programming Languages - Python , Java

Web Development - Html , Css , Java Script

Database - MySql

UI & UX - Canva , Figma , Photoshop

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Certificates

AWS Cloud practitioner - Global Certified, AWS Cloud Foundations, Cloud Practitioner Essentials, NPTEL - Cloud Computing, Oracle Cloud Infrastructure, HackerRank Java Basic, Introduction to MERN Stack, Figma Fundamentals