

Vijay Shankar M

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Coimbatore ,Tamil nadu

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.

Projects

Title - Student Teacher Performance Prediction Model

Developed a machine learning-based model to predict and analyze student-teacher performance by evaluating key academic and engagement metrics. Utilized Python, Pandas, and Scikit-learn for data preprocessing, feature engineering, and model training. Implemented algorithms like Linear Regression and Decision Trees to achieve accurate predictions, providing actionable insights to improve educational outcomes. Demonstrated strong problem-solving and analytical skills in handling real-world datasets.

Title - A web application specifically designed for Indian coal mines to quantify their carbon footprints and explore pathways to carbon neutrality.

Developing a web application designed to obtain the carbon neutrality and reduction of carbon emissions from coal mines. It suggests the strategies to adopt the green environment and provides cleaner technologies and focuses on afforestation. It addresses the issues by the emission of carbon and other green house gases and tracks the possible ways to reduce the emission level. By this user-friendly web application, the user can input their data and track their carbon credits, total emission and the overall calculation .

Skills

Programming Languages - Python , Java

Web Development - Html , Css , Java Script

Database - MySql , Sql lite

UI & UX - Canva , Figma , Photoshop

Software & Tools - Microsoft word , Microsoft Excel , Microsoft Powerpoint

Certificates

Cloud - AWS Cloud Foundations , Oracle Cloud Infrastructure

Education

BE - Computer Science and Engineering

Karpagam Institute Of Technology, Coimbatore , Tamil Nadu

11/2026

CGPA : 7.5

HSC

Sri SRV Matric Hr Sec School, Attur , Salem.

05/2022

Score : 73.5%

External links

[GitHub](#) [Portfolio](#) [Leetcode](#) [Linkedin](#) [YouTube](#)