S Sharvesh — Undergraduate Scholar

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Objective

My career goal is to use technology to improve people's lives and empower them to focus on higher purposes, by continuously being a curious learner.

Education

Suguna Pip School, Tamil Nadu
12th Grade, Aggregate: 83%   *2023*

Vellore Institute of Technology (VIT)
*B. Tech in Computer Science Engineering, Current **CGPA:** **8.7***   *2027*

Professional Experience

- Learned project management, task delegation, and leadership skills while working with a team of 8.

Projects

Conference Management System

This project represents a console-based application for managing conferences, users, and venues with features like signing in, signing up, exploring conferences, organizing conferences, and more. It follows a modular structure with functions dedicated to specific tasks, enhancing code readability and maintainability (for a programming course).

Urban Noise Pollution Management

Create a platform to monitor and reduce noise pollution in urban areas, using sensors and data analysis to identify noise hotspots and implement mitigation strategies (for a hackathon).

Restaurant Management System

Developed a responsive web application for restaurant operations, including features such as online table reservations, takeaway order management, and an admin dashboard for managing orders and reservations. The system emphasizes modularity and user-friendly interfaces to streamline dining experiences.

Next Sentence Prediction Using BERT

Built a deep learning model leveraging BERT architecture for next sentence prediction tasks. The system takes sentence pairs and classifies whether the second sentence is a logical continuation of the first. It includes data preprocessing, fine-tuning BERT on custom datasets, and evaluating prediction accuracy using validation metrics. The project emphasizes NLP workflows and transformer-based model training.

Awards

- Participation : SocioTHON'24 - Social Innovation Hackathon as part of graVITas'24

Skills

- **Programming Languages**: Python, C, C++, Java, HTML, CSS, JS; MATLAB, R
- **DSA:**

https://udemy-certificate.s3.amazonaws.com/pdf/UC-f8ee6bbe-f1fa-4fe6-9128-6764dbef24fe.pdf

- **GEN AI USING IBM WATSONX:**

https://courses.vit.skillsnetwork.site/certificates/dcf849815eb6418d84563a292cb4f5c7

Extra-Curricular Activities

Event Management   Volunteer as part of the Campus Decoration team for Riviera, a cultural extravaganza that brings life and vibrancy to our campus.