

Venu Pulagam

4th Year (B.Tech)
Artificial Intelligence Engineering
Amrita Vishwa Vidyapeetham
Current CGPA: 8.08

Skills

LANGUAGES

Java, Python, C/C++, CSS3
HTML5, Scala, Matlab, JavaScript

TECH STACK

React JS, Tailwind CSS, Machine Learning, Deep Learning, LLMs, Apache Spark, Tkinter, OOPs, DSA, FlutterFlow, UI/UX

CLOUD

Amazon AWS, Microsoft Azure, GCP

DATABASES

MySQL, NoSQL, MongoDB

OTHERS

Markdown, Git, Photo Editing, Scratch, PicsArt, Video Editing, PhotoShop

Coursework

Data Structures and Algorithms
Deep Learning
Signal and Speech Processing
Neural Networks
Discrete Mathematics
Operating Systems
Computer Networks
Data Analytics
Database Management
Artificial Intelligence
Machine Learning

Education

B.Tech. in CSE-AI 2021-2025
Amrita Vishwa Vidyapeetham,
Coimbatore, Tamil Nadu
Current CGPA : 8.08

Intermediate 2021-2019
Tirumala Junior College,
Rajahmundry, Andhra Pradesh
Percentage: 98.5%

High School 2018-2019
Dr. KKR'S Gowtham Concept School,
Rajahmundry, Andhra Pradesh
CGPA: 10.0

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in LinkedIn: Venu Pulagam

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Portfolio

WORK EXPERIENCES

Software Development Intern | June 2023 - July 2023

Amrita School of AI | Coimbatore, Tamil Nadu

- Developed an AI powered evaluation and academic management system.
- Enabled the first online MATLAB compiler integration for tests
- Integrated LLM-based code evaluation and enhanced proctoring

Machine Learning Intern | September 2024 - Present

Hyperworks Imaging | Bangalore, Karnataka

- Developed and deployed ML pipelines for production use.
- Gained experience in Microsoft Azure and Docker

Projects

AIRA - AI powered Resume Assistant (SMART RESUME MAKER)

An AI-powered assistant that customizes LaTeX resume templates and generates professional objectives using Google's Gemini AI.

Gemini API, LLMs, Web Development, Flask, Python

Switchify (PLAYLIST TRANSFER APPLICATION)

Switchify is an efficient playlist transfer website that does copy playlists from Spotify to Youtube Music.

Google API, OAuth2.0, Spotify API, React JS

Automated Attendance and Analysis on Campus Data (BDMS)

Used BDMS, Spark and MySQL to analyze campus data. Developed a Python-based automated attendance system with deep learning.

Scala, Apache Spark, Python, MySQL, CV2

Publications

APR - 2024 **Precision Healthcare Analytics: A Machine Learning Approach for Efficient Length of Stay Estimation in Acute Malnutrition Patients in Mali**

MAR - 2024 **Transformer-based Transfer Learning for Enhanced Speech Dysarthria Severity Assessment**

Additional Engagements

MAR - 2023 **Directed a Short film, Anokha Techfest** Participated

AUG - 2023 **Led the Gokulashtami banner team.** Award for Best Props

About me

Hobbies : Film-making, Editing, Poster design, Listening to music, Watching films, Writing scripts, Programming.

Languages : Telugu (mother tongue), English, Hindi

Skills : Team building, Conflict resolution, Flexibility, Active listening, Efficient task execution, Multitasking, Problem solving,