K. Venkat Vatshal

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github.com/Vatshal-Venkat

CAREER OBJECTIVE

An aspiring Artificial Intelligence undergrad seeking a challenging role that leverages my skills in innovation and creativity while providing opportunities to learn from experienced professionals and contribute to impactful projects aimed at enhancing my knowledge and gaining valuable experience.

PROJECTS

Online Examination Portal ⧉
- I'm building a dynamic online examination website using Wix Studio, where users can take topic-wise quizzes with a timer and instant scoring.
- The platform also features detailed result analytics, including a leaderboard

Agent V ⧉
- Developed a fully functional conversational AI agent leveraging n8n's workflow automation platform to automate interactions and streamline communication process.

Cross - Modal Similarity Evaluation System ⧉
- Build a cross-modal similarity evaluation system comparing text, image, audio, and video inputs using multiple deep learning models.
- Compute similarity scores between different inputs.
- Visualize scores to enable intelligent content analysis.

EmergDetect ⧉
- Utilizes RFID technology to detect approaching emergency vehicles proactively notifies traffic management systems.
- Enables timely clearance of pathways before the vehicle reaches the traffic signal.

TECHNICAL SKILLS

Data Structures and Algorithms

Web Development Frameworks
WixStudio, CSS, SpringBoot

Database Management
MySQL, Firebase

Machine Learning & Deep Learning

Scripting Languages
JAVA, Python, C, JavaScript, HTML, SQL

Workflow Models
N8N, Make

Visualization and AI tools
PowerBI, Canva, Excel

Git - Version Control

PERSONALITY TRAITS

Communication Skills | Adaptivity | Team Work | Problem Solving Skills | Critical Thinking | Creativity | Leadership Skills | Analytics

CERTIFICATIONS

DSA with JAVA ⧉
- Apna College - 11/2024

CISCO Networking Academy C language ⧉
- 04/2023

Cyber Security& Ethical Hacking Workshop ⧉

IBM Python ⧉
- 05/2023

PowerBI ⧉
- 07/2023

INTERNSHIP

ShadowFox, *Java Development* ↗ 01/2025
- Developed a functioning bank-user interface.
- Built an enhanced console based calculator.

CODSOFT, *Python Programming* ↗ 03/2024 – 04/2024
- Developed a computer - user rock-paper-scissor game.
- Created a user-based password generator

EDUCATION

B-Tech, Artificial Intelligence, *VIDYA JYOTHI INSTITUTE OF TECHNOLOGY* 2022 – present
Current CGPA - **9.00** (Till 5th Semester)

Intermediate, *Sri Chaitanya Junior College* 2020 – 2022
Percentage - **92.2%**

Class X, *Sri Chaitanya Techno School* 2020
GPA - **10.0**

ORGANISATIONS

TEDxVJIT, *Core Team Member - Hospitality & Management.*

INTERESTS

Dance, Content Writing, Poetry, Cricket, Badminton, Nature Photography