GIRIPRASATH S

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EDUCATION

Velalar College of Engineering and Technology *2021 - 2025*
BE Computer Science (**CGPA - 7.89**)
HSC - 87% 2020 - 2021
SSLC - 83% 2018 - 2019

SKILLS

Programming Languages: Python, HTML, CSS.
Tools: Visual Studio, GitHub, Google Colab, JupyterLab, Canva, Photoshop, Figma.
AI Tools: Cursor, Windsurf.
Libraries: NumPy, Pandas, Matplotlib, OpenCV, Face-recognition.
Cloud: AWS, Supabase.
Soft Skills: Leadership, Communication, Teamwork.
Languages: Tamil, English, Japanese.

INTERNSHIP

NediVeil Technologies
Python Developer
- Engineered **image and face recognition solutions** leveraging advanced machine learning techniques for enhanced accuracy and automation.
- Developed and deployed an **AI-powered chatbot**, integrating APIs to facilitate seamless and dynamic user interactions.
- Implemented **marathon image classification** using **PaddleOCR, OpenCV, and AWS**, enabling automated text and bib number recognition for efficient data retrieval and event analysis.

PROJECTS

Marathon Image Classification and Retrieval System Project Link
- Developed an **OCR-based image retrieval system** using **PaddleOCR and AWS S3**, enabling efficient classification and retrieval of marathon event images.
- Designed a **web-based interface** allowing users to search images using extracted alphanumeric data like bib numbers and text.
- Implemented **scalable pipelines** for image storage and metadata extraction, improving retrieval accuracy and processing efficiency.

Image Recognition and Face Recognition System Project Link
- Developed and deployed **image Recognition** and **face recognition** systems using advanced machine learning techniques. Designed scalable pipelines for real-time processing, ensuring high accuracy and efficiency in recognition tasks.
- Integrated models into applications for seamless user interaction and automated decision-making.

LEADERSHIP

- **Sports Captain** at Velalar College of Engineering and Technology
- **Senior Designer** at Tech crew(Department club)

CERTIFICATIONS

- **1st Prize** for presenting the project "IoT- Home Automation" at Karpagam College, Coimbatore
- Participant, PeCan+ Capture the Flag (CTF), Edith Cowan University by Pals.
- **Python** Course Completion, GUVI.
- Certificate of Completion, Coursera: **AWS**.
- Certificate of Participation, Yukthi CTF, organized by Tamil Nadu Police.
- **4th Place, State Level Kho Kho** Tournament, Kongu Alumni Trophy.