VIKRAM BALAJI

Aspiring AI and ML Engineer

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OBJECTIVE:

Aspiring AI Engineer and Full Stack Developer with a strong foundation in Artificial Intelligence, Machine Learning, and Software Development. Passionate about building innovative AI solutions, with hands-on experience in TensorFlow, OpenCV, and cloud computing. Currently expanding expertise in Full Stack Development to create scalable and user-centric applications. Seeking opportunities in AI, ML, or Full Stack Development to apply technical skills and contribute to impactful projects.

SKILLS:

- Experience in Python and Java
- Machine Learning Algorithms
- Effective time management
- Artificial Intelligence For Business
- Communication skills
- Project management

EXPERIENCE:

WearX   *March 2025*

Developed WearX, an AI-powered wearable band for early stroke prediction, Parkinson's detection, and fall monitoring using real-time biosignal analysis and machine learning

Ai on Wardrobe Management   *January 2025*

Led the model development using TensorFlow, OpenCV, and CNN for outfit classification and recommendation in a group project.

Landmark Detection   October 2024

The **Landmark Detection** project uses AI and computer vision to identify and recognize landmarks, leveraging deep learning techniques like CNNs. It involves data preprocessing, model training, and evaluation to enhance recognition accuracy.

Capstone Project   February 2025

The **Capstone Project** involves building a dynamic and interactive web application using **HTML, CSS, and JavaScript**, ensuring a responsive and user-friendly design. It focuses on integrating frontend and backend technologies to create a seamless user experience.

EDUCATION:

Bachelor of Engineering in CSE in Specialization in Artificial Intelligence   *August 2023 - Present*
Sathyabama University, Chennai

ICSE/ISC   *June 2008 - May 2023*
Vikaasa School, Madurai

INTERESTS:

Bike Riding: Riding a bike during vacations helps calm my mind and brings relaxation.
Gaming: Playing online or offline games in my free time refreshes my mood and keeps me energized
Photography: Passionate about capturing the beauty of nature through photography, with a focus.