

Praveen Kumar

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Summary

As a tech enthusiast with a knack for Deep Learning and AI, I have honed my skills in Python, TensorFlow, and web development technologies like Next.js and Fast API. My vision is to leverage these skills to create innovative solutions that push the boundaries of AI technology.

Education

Vellore Institute of Technology | Vellore, TN

B.Tech Information Technology | 06/2026

- Current CGPA: 8.43

Sunbeam Hr Sec | Vellore, TN

Class XII | 05/2022

- Achieved an 89.83% Aggregate Score

Skills

- **Programming Languages:** Python, TypeScript
- **Web Development:** Next.js, Tailwind CSS, Fast API
- **Databases:** PostgreSQL, MongoDB, SQLite
- **Machine Learning:** TensorFlow
- **Testing and Automation:** Selenium

Projects

Project 1: Pinterest-like Web Application

- **Technologies:** Next.js (with TypeScript), Tailwind CSS, Fast API
- **Duration:** March 2024-July 2024
- **Description:** Developed a social media platform similar to Pinterest, allowing users to upload, view, and search for images. Implemented both semantic and visual search functionalities.

Project 2: Improved Image Captioning

- **Technologies:** Python, TensorFlow
- **Duration:** January 2024
- **Description:** Enhanced an existing image captioning model using TensorFlow. Created a sample website to demonstrate the model's capabilities.

Project 3: Web Scraper for Image Collection

- **Technologies:** Selenium, SQLite
- **Duration:** October 2023
- **Description:** Built a web scraper to gather images for training the gender classifier. Utilized SQLite for data storage

Certificates

Microsoft Certified: Azure AI Fundamentals (AI-900)

Languages

English, Tamil, Hindi