

T KAVANA

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• Portfolio - <https://tkavana-aiml-data-scienc-18z1r6t.gamma.site/contact> • Github- <https://github.com/tkavana13>

SUMMARY

Computer Science and Engineering Data Science student with hands-on project experience in Python, Pandas, Flask, and AI/ML applications. Strong foundation in data handling, APIs, and model development, with a keen interest in deploying ML solutions for real-world impact.

TECHNICAL SKILLS

- **Programming & Core:** Python, OOP, C
- **AI/ML:** Artificial Intelligence, Machine Learning, Deep Learning, NLP Basics, Parallel processing
- **Data Handling:** Pandas, NumPy, SQL, DBMS
- **Backend & APIs:** Flask, FastAPI
- **Frontend (supportive):** React.js, HTML5, CSS3, JavaScript
- **Tools:** GitHub, VS Code, Tableau, PowerBI
- **Cloud Knowledge:** Cloud Computing

EDUCATION

B.E – Computer Science & Engineering (Data Science), PESITM Shimoga | 2022 - 2026 | CGPA: 8.8
PUC – Akshara PU College Shikaripura | 2019 - 2021 | 98%
Secondary – Akshara School Shikaripura | 2015 - 2019 | 96%

WORK EXPERIENCE

Web Development Intern , PRASUNET Pvt. Ltd. Company | Jun 2024 - Jul 2024

- Built and optimized responsive web pages (HTML, CSS, JS) across devices.
- Used Git/GitHub for version control,implemented SQL database connectivityuser-centered UI.

Python Programming Intern, InternPe | Jun 2024 - Jul 2024

- Engineered multiple reusable Python modules, enhancing code maintainability and delivering a 30% increase in development efficiency, reducing runtime errors by 20%, proactively debugged scripts.

PROJECTS

MediAstra – Innovative AI Health Companion | Aug 2025 - Nov 2025

- Built MediAstra, an innovative AI health assistant leveraging Python (FastAPI), React, and ML/NLP models for real-time symptom analysis, wellness recommendations, and smart healthcare insights.

Moodify - Detecting Moods through Deep NLP | Oct 2025 - Nov 2025

- An interactive sentiment analysis system built using Deep Learning and NLP with BERT transformers to classify text into positive or negative emotions in real-time.

Sign Language Gesture Recognition | Nov 2024 - Jan 2025

- Built a Sign Language Gesture Recognition model that translates hand gestures into text using OpenCV, Mediapipe, enhancing accessibility for individuals with hearing and speech impairments.

Blood Bank Donation and Management System | June 2024 - July 2025

- A web-based PHP-MySQL application designed to manage blood donations, donor records, and blood inventory efficiently. Built using XAMPP with Apache and MySQL.

CERTIFICATIONS

NPTEL - Cloud Computing (Elite grade) ,Problem Solving through programming in C

Udemy - Deep Learning , Tableau

Coursera - Full Stack Development, Software engineering , Cloud Computing

Forge - TATA ESG Job Simulation

Accenture Innovation Challenge 2024 - Generative AI Digital Twins

ADDITIONAL INFORMATION

Languages: English | Fluent, Kannada | Fluent

Awards: First Class with Distinction, VTU Exams.

Soft Skills: Team collaboration, Presentation, Communication, Time management

Hobbies: AI in Healthcare, UI/UX Design, Yoga, Gardening, Reading Mythology.