PRANAV SHINTRE

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# OBJECTIVE

Ambitious software developer with expertise in AI, LLMs and Python Libraries, seeking to contribute innovative solutions and grow professionally within a dynamic tech environment.

# EDUCATION

**B.Tech - Computer Science and Engineering | Aug 2021 - May 2025**, TKIET Warananagar. CGPA | 8.24

**HSC | June 2019 - Apr 2020,** Shri P. B. Patil Jr. College, Mudal. 74.00%

**SSC | June 2017 - Apr 2018,** Murgud Vidyalaya, Murgud. 92.00%

# TECHNICAL EXPERTISE

**AI/ML Fundamentals:** Supervised/Unsupervised learning, CNNs, RNNs, LSTMs and Decision Trees

**Large Language Models:** BART

**Python Libraries:** TensorFlow, PyTorch, Hugging Face, scikit-learn

**Programming Languages:** Python, Java, JavaScript

**Web Development:** HTML, CSS, React.js

**Databases:** SQL

**Core Concepts:** Object Oriented Programming, Data Structures & Algorithms

**Tools & Platforms:** Git, Visual Studio Code

# PROJECTS

**Smart Meeting Notes Generator | Oct 2024 - Dec 2024:**

* Designed a tool using **Google Speech-to-Text API** and **Hugging Face transformers** to generate meeting notes.
* Employed summarization models like **BART** and extracted actionable items using **NER techniques**.
* Integrated PDF export functionality, reducing manual effort by 60%.

**Pneumonia Detection using Deep Learning Techniques | July 2024 – Present:**

* Built a deep learning model using **CNNs** to classify chest X-rays as pneumonia or normal.
* Trained on a large dataset of medical images, achieving an accuracy of 92% on the test set.
* Implemented the frontend using **React.js** and **Vite.js** for user-friendly diagnosis results.

**Helping Hands for College Admissions Outreach and Interest Collection System | Jan 2024 - May 2024:**

* Engineered a platform using **Python**, **HTML**, **CSS** to automate college admissions, cutting manual effort by 40%.
* Automated outreach via WhatsApp and Google Forms, improving student engagement by 25%.

# LEADERSHIP EXPERIENCE

**Competitive Programming Head, LogiCode**

* Led a team of 20+ students, organizing coding challenges that increased participation by 30% and enhanced performance in competitive programming.

**Member, First Year Engineering Students Association**

* Organized freshman events, increasing student engagement by 20%.

# CERTIFICATIONS

* TCS iON Industry Honour Course – Artificial Intelligence for Real-World Applications

# LANGUAGES

* Marathi | Hindi | English