KETAN BONDLA

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Education

Ajeenkya DY Patil University **Aug. 2022 – May 2026**
Bachelor of Technology in Artificial Intelligence and Data Science *Pune, Maharashtra*

Relevant Coursework

- Data Structures
- Intro to Data Science
- Python Programming
- Database Management
- Artificial Intelligence
- Java Programming
- Deep Learning
- Discrete Mathematics

Projects

P.A.N.D.O.R.A | *Python, OpenCV, Tesseract OCR* **Nov 2022**
- Python Based Automated Number Plate Detection and Opening Response Apparatus.
- A program for detecting whether a vehicle is registered and belongs to a resident of a society by detecting number plate identifying number and cross checking it with the society's database.

Movie Recommendation site | *Python, NLP* **November 2024**
- Developed a movie recommendation website using Python, leveraging Natural Language Processing (NLP) techniques to enhance user experience.
- Implemented NLP functionalities including stemming, vectorization, and potentially other methods like tokenization, stop word removal, and part-of-speech tagging for processing movie descriptions

Body Fat Percentage Calculator | *Java* **December 2024**
- BodyfatPercentageCalculator – A Java-based application for calculating body fat percentage using user-input metrics.
- Implemented accurate formulas and a user-friendly interface to provide precise and quick results.

PawsafeVC | *Python, NodeJS, React, Database Management(Mysql)* **In progress**
- PawsafeVC – A web-based platform built with React, Node.js for storing and managing dog vaccination records.
- Designed an intuitive UI and implemented a secure backend to ensure seamless access, data integrity, and responsiveness across devices.
- Integrated an automated reminder system to notify pet owners about upcoming vaccination dates.

Bond/AI | *Python, Langchain, Streamlit, Gemini API* **In progress**
- Developed Bond/AI, a Python-based app that allows users to query multiple PDFs and receive natural language responses using Gemini's language model.
- Implemented text chunking and semantic similarity matching to efficiently process and retrieve relevant content from PDFs for accurate question answering.
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Technical Skills

Languages: Python, C, Java, HTML/CSS, JavaScript, SQL
Developer Tools: VS Code, Google Cloud Platform, Android Studio
Technologies/Frameworks:GitHub, React

Leadership / Extracurricular

- Vice President, Purrpaws an Animal Rescue and Welfare Management Club – Led initiatives promoting animal welfare and awareness at Ajeenkya D Y Patil University.
- Design Lead, Google Developers Group – Managed design strategies and visual branding for GDG events and initiatives also assisted in conducting multtiple seminars and technical workshops.
- Cultural Curator, House of Arts – Administered large-scale artistic and cultural showcases.
- IEEE Member – Engaged in high-impact technical symposiums and networking.
- Lead Event Strategist, Cultural Fest – Engineered and supervised multifaceted university events.