

Kartik Kunjekar

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EDUCATION

- Vishwakarma Institute of Information and Technology** Pune, India
Bachelor of Technology - Computer Science Engineering with AI and ML; GPA: 9.11 November 2022 - July 2026
Courses: Operating Systems, Data Structures, MLOPS, Machine Learning, Deep Learning, Networking, Database Management System
- Vidyabharati Mahavidyalay** Amravati, India
12th HSC; Percentage: 91 March 2021

SKILLS SUMMARY

- Languages:** Python, C++, JavaScript, SQL, JAVA, Dart
- Frameworks:** Scikit, NLTK, SpaCy, TensorFlow, Keras, FastAPI, Flutter
- Tools:** GIT, MySQL, MongoDB, Docker, AWS
- Soft Skills:** Leadership, Event Management, Writing, Public Speaking, Time Management

ACHIEVEMENTS

- Runner Ups at Hackothsava2k24** SMVITM Udipi
Monetary prize of Rs. 26,000 September 2024
 - Machine Learning:** Created models for identifying the prakriti doshas and a health score of the user.
 - FastAPI for connecting the Models to website.:** The user inputs are fed into the model for additional analysis and predictions.
- 2nd Runner ups Medecro Healthcare Hackathon** Online
Monetary prize of Rs. 10,000 October 2024
 - Computer Vision:** Developed an OCR model to retrieve the provided image's medication data.
 - FastAPI:** Connected the machine learning model to website using fastAPI and extracting the details of the medicine from the web.

PROJECTS

- Adhyayan - AI backed edtech website (NLP, Video Generation, Image Captioning, Youtube Video Recommendations, Data Extration):** (Work in progress)
 - Developed a reverse multimedia search engine that accepts video, image, and text inputs for processing using NLP and machine learning models..
 - Integrated video generation and image captioning capabilities using TensorFlow for content creation.
 - Designed and implemented a YouTube video recommendation system using the YouTube API, tailored to suggest videos based on the user's areas of difficulty or weak study topics.
- ResumeAI - A web-based application to generate ATS friendly resumes automatically.(Vue.js, llama, GitHub API):**
 - Leveraged the LLaMA model for natural language understanding and text generation to accurately analyze job descriptions (JDs) and extract key qualifications and skills.
 - Enabled users to customize sections of the auto-generated resumes, offering flexibility in editing and structuring the final document.
 - Integrated the GitHub API to automatically fetch relevant project data, enhancing the resume with real-time information about the user's coding contributions.
 - Focused on a user-friendly interface using Vue.js, providing an intuitive experience from JD input to customized resume output.
- DocTomato- A disease detection Flutter App for Tomato Plants(Flutter, Dart, AWS, Prometheus, Grafana, Docker)**
 - Developed and deployed a **real-time disease detection application** for tomato plants, leveraging **Deep Learning** models hosted on **AWS**.
 - Implemented **Docker containerization** to package and deploy the backend via **Docker Hub**, ensuring scalable and efficient deployment.
 - Streamlined the development workflow by setting up **CI/CD pipelines** with **GitHub Actions**, reducing deployment errors and ensuring seamless integration and continuous delivery.
 - Integrated **Prometheus** for real-time performance monitoring and **Grafana** for visualizing key metrics, ensuring system reliability and optimizing model performance.

Certifications

- [IBM DevOps and Software Engineering Specialization.](#)
- [Deep Learning Specialization.](#)