

RAMJI PAL

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TECHNICAL SKILLS

Programming Language: Python, Java, C

Framework: Flask, Django, FastAPI

Web Technologies: HTML5, CSS3, Javascript, ReactJs

Other: Data structure, OOP, SQLAlchemy, Django ORM

Database: MySQL

Version control: Git, Docker

SUMMARY

Enthusiastic and driven IT graduate with a strong foundation in programming and full-stack development. Proficient in Python, with hands-on experience in frameworks like Flask, Django, and FastAPI, as well as ORM. Solid understanding of RESTful APIs. Adept at using MySQL and PostgreSQL for database management and familiar with version control tools like Git and Docker. A quick learner with a passion for technology, eager to apply my skills in a dynamic work environment.

PROJECTS

Dynamic Customizable Calculator | Flask | [link](#) | [VID](#)

- Created a dynamic web-based calculator that enables users to build and save personalized **calculation templates**, providing **real-time results**.
- Developed the frontend using HTML, CSS, and JavaScript, and engineered the backend with **Python and the Flask framework**.
- Implemented **MySQL** for efficient data management and storage.

Movie Recommendation System Web App | Machine Learning | [link](#) | [VID](#)

- Developed a movie recommendation model using **machine learning** and integrated it into a **user-friendly website**.
- Leveraged numpy and pandas for **data transformation and cleaning**, and sklearn for model training and evaluation, achieving 98.63% accuracy.
- Integrated an API** to fetch movie posters and **deployed** the app on Streamlit, ensuring multi-device accessibility..

WiseSpend: Expense Management and Forecasting System | [link](#) | [VID](#)

- Developed a Django-based expense management system that **enables users to manage and visualize expenses** across various categories.
- Formulated a machine learning algorithm to **forecast users' monthly expenses**, enabling effective expense control.
- Designed a **dashboard** using Chart.js for comprehensive expense visualization, **implemented PostgreSQL with Django ORM** for efficient database management, and **utilized AJAX** for seamless expense searching.
- Validated registration emails and authorized users using the **Django authentication** module by sending verification emails.

INTERNSHIP AND TRAINING

Full Stack Intern at Maestro Intellect | [link](#)

jan'24 – june'24

- Learned and implemented frontend technologies and integrated data fetching from various APIs.
- Contributed to the full-stack development of e-commerce application by creating components for the login page.
- Worked on database query and management, enhancing various aspects of data handling.

CERTIFICATIONS

- SQL For Data Analytics (Udemy)
- Crash Course On Python By Google (Coursera)
- Python and Flask Framework(Udemy)
- Javascript Course(Udemy)

EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks
2024	B.TECH (IT)	Yeshwantrao Chavan College Of Engineering	8.13 CGPA(74%)
2020	Class 12	Samarth Junior College, Ramtek	80.15%
2018	Class 10	Dnyandeep Convent, Ramtek	81%

SOFT SKILLS

- Time Management and Leadership Skill
- Analytical and Problem Solving