Parthip P R

Profile Summary

A *Computer Science and Engineering student* with hands-on experience in backend development and AI. At μLearn, I developed and maintained backend systems and have built AI-driven projects, including an online exam proctoring system. Proficient in Python, Flask, and web technologies, with interests in Android Development, AI, and ethical hacking.

Contact details

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 GitHub Profile
 Linkedin Profile

Personal information

Date of birth: **25-01-2003**

Languages: **English**, **Malayalam**, **Tamil**

Skills

- Languages: Python, Java, html, css.
- Frameworks: Flask, Django
- Databases: MySQL, MongoDB.

Field of Interest

- Android Development
- Backend Development
- AI
- Cloud
- Ethical Hacking

Experience

Backend Developer at *Mulearn* — **2024 - Present**

◇ Developed and maintained backend systems to ensure efficient and reliable operations.

◇ Designed, implemented, and managed databases to support application functionality and data integrity.

Education

B.Tech, Computer Science and Engineering.
from College Of Engineering, Chengannur. — **2021 - 2025**

Senior Secondary (XII), Science CBSE.
from Amrita Vidyalayam, Haripad,Alappuzha. — **2021**

Secondary (X),CBSE.
from Amrita Vidyalayam, Haripad,Alappuzha. — **2019**

Projects

Alumni Forum (Quora-style) — **October-2024**
◇ A full-stack web application for alumni and students to interact and share knowledge, built using Django and a responsive frontend.
◇ *Tools and technologies used:*

- Development Languages: Python.
- Frontend: HTML, CSS, Bootstrap.
- Backend: Django, Python.
- Database: SQLite.

Object Detection for online exam — **February 2024 - April 2024**
◇ An AI-powered system designed for online computer exam centers to reduce the need for invigilators.
◇ An Exam Proctoring System that utilizes YOLO v5 for object detection, specifically tailored to identify the unauthorized use of mobile phones during exams
◇ *Tools and technologies used:*

- Development Languages: Python.
- Neural Network Libraries: TensorFlow, NumPy, OpenCV-Python, Seaborn, Pillow, TensorFlow-GPU.
- Frontend: HTML, CSS.
- Backend: Flask, Python.

Flask Task Manager — **March-2024**
◇ A simple CRUD application task manager using python and Flask.
◇ *Tools and technologies used:*

- Development Languages: Python.
- Frontend: HTML, CSS.
- Backend: Flask, Python.

Certifications

◇ Ethical Hacking, Online *NPTEL.* — **Jan 2023 - Apr 2023**

Hobbies

Listening Music, Reading, Digital Art