



MUHAMMED RASHAD PTP

Abu Dhabi, UAE |
+971 542677947 | 545423652 |
ptprashad@gmail.com |



A highly motivated and detail-oriented individual passionate about leveraging data-driven insights to solve real-world problems. With a solid foundation in Python, data science, machine learning, and development. I am eager to contribute my skills and knowledge to the organisation.

EXPERIENCE

PYTHON AI DEVELOPER

RGC Dynamics | Kozhikode, India

JUN 2024 – SEP 2024

- Led the project team and leveraged backend development using Django.
- Managed backend development and integrated AI functionalities.
- Managed AWS server-side operations for deploying, scaling, and maintaining applications, ensuring high availability and performance. This involved configuring EC2 instances, utilizing services like Auto Scaling and Load Balancers to dynamically adjust resources based on traffic.
- Developed AI powered Fashion app which helps in automated donation of clothes which uses Tensorflow, Image processing and deep learning algorithms with AWS EC2 server.

DATA SCIENCE INTERN

Camerinfoorks Pvt Ltd | Kochi , India

SEP 2023 - MAY 2024

- Practical training in data analysis, machine learning and data visualization techniques.
- Hands-on experience in building and deploying machine learning models using Python libraries such as Scikit-learn, TensorFlow, and PyTorch.
- Developed a driver drowsiness detection system using computer vision techniques (OpenCV) and deep learning models to ensure road safety and worked on MLOps projects, implementing CI/CD pipelines for automating model training, testing, and deployment, ensuring scalable and reliable machine learning workflows.

TECHNICAL SKILLS

- Python
- Machine learning algorithms
- Django Framework
- PostgreSQL
- Power BI
- Natural Language Processing (NLP)
- Data science
- Deep learning
- Amazon Web Services (AWS)
- OpenCV
- MS Office

PROJECTS AND RESEARCH

Everlane Style AI Fashion App

- Led the development of a comprehensive dress donation platform, integrating backend services using Django REST Framework.
- Implemented key features like disaster-specific donations, quality checks, and seamless payment integration with PayPal.
- Managed server-side deployment and scaling on AWS, ensuring high availability and security.
- Developed AI powered Fashion app which helps in automated donation of clothes which uses Tensorflow, Image processing and deep learning algorithms with AWS EC2 server.

AI Powered Restaurant System

- Restaurant management system using Django framework with AI implementations.
- Fullstack project worked on Django, HTML, CSS and Server-side AWS.

Automated Text description generator using LLM

- Leveraged Transformer-based Language Models (LLMs), such as those provided by Hugging Face, to automatically generate coherent and contextually relevant text descriptions by utilizing their deep learning architecture.

Driver drowsiness detection using OpenCV

- Employed OpenCV to analyse real-time video feed from a vehicle's interior, detecting signs of drowsiness such as eye closure and head nodding to alert the driver.
- Integrated a deep learning-based facial landmark detection model with OpenCV to track key facial features, including the eyes and head position, enabling accurate real-time monitoring of driver behaviour.

EDUCATION

BACHELOR OF ENGINEERING IN COMPUTER SCIENCE,

PA College of Engineering, Mangalore

JULY 2019 – JUN 2023

- Collaborated in team-based projects to solve complex problems and deliver innovative solutions
- Participated in workshops, seminars and other activities to stay updated with industrial trends.
- GPA 8.38 / 10.0

HIGHER SECONDARY CERTIFICATE

Kerala Higher Secondary Examinations

JUN 2017 – MARCH 2019

Percentage – 91 %

HIGH SCHOOL CERTIFICATE

The Council for the Indian School Certificate Examinations (CISCE)

JUN 2016 – MARCH 2017

Percentage – 89%

SOFT SKILLS

- Problem Solving
 - Leadership
 - Teamwork
 - Communication
 - Logical Thinking
 - Mutual respect
-

CERTIFICATIONS

- NPTEL Online Certification in Data science for Engineers from **IIT Madras**.
 - Cybersecurity Internship certification from Compass Global Services, Bangalore.
-

PERSONAL DETAILS

- Date of Birth : 19 – 02 - 2001
 - Marital Status : Single
 - Languages Known : English, Hindi , Malayalam
-

PASSPORT DETAILS

- Country of Issue : India
- Place of Issue : Kannur
- Passport Number : C2309175
- Date of Expiry : 30-09-2034
- Visa Status : Visit