

Aadhil Muhammad Abou

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Skills

Web Development: Flask, Django, HTML, ReactJS

Machine Learning: Keras, TensorFlow, PyTorch

Programming Languages: C/C++, Java, PHP, Python, JavaScript, SQL

Technologies & Tools: AWS, EC2, WatsonX, Hive, Firebase, Docker

Work Experience

LegalGPT - IBM, Ernakulam

April 2024 - Present

Machine Learning Intern

- Led a team in developing an AI-powered legal case similarity search system using IBM WatsonX and IBM Cloud.
- Developed machine learning models for legal research, enhancing accuracy in identifying relevant cases and answering queries.
- Automated case brief generation and citation analysis, reducing research time by 40% and strengthening legal strategies.

Education

Cochin University of Science & Technology, Ernakulam

July 2023 - Present

M.Sc. Computer Science with Specialization in Artificial Intelligence

CGPA: 9.83/10

Mahatma Gandhi University, Kottayam

September 2020 - March 2023

Bachelor of Computer Applications

CGPA: 9.09/10

Project Work

- AI Based Social Interaction Trainer (2024):** Led team in developing facial expression analysis model using advanced computer vision techniques. Resulted in comprehensive training platform for refining social interaction skills across education, professional development, and interview preparation domains. Python, TensorFlow, Keras.
- StethoSense (Devagiri College Hackathon, 2024):** Managed team and led backend development for a centralized health records system. Implemented secure data storage, provider communication, and AI-driven health management. Enhanced healthcare efficiency and patient safety. Python, Django, TensorFlow, Keras
- Go Between Transportation (2023):** Developed a transportation management system using Django. Automated the handling of transportation requests, improving speed, accuracy, and security for users, companies, and drivers. Resulted in streamlined logistics operations and enhanced user experience. Django, MySQL.
- School Admission System (2022):** Developed an online admission system using PHP. Streamlined the admission process by automating student record management and enabling online application submission. Resulted in reduced administrative burden, improved accuracy, and faster processing of admissions. PHP, MySQL.

Awards and Certificates

- Python Internship on Pantech Solutions
- Artificial Intelligence Internship on Acmegrade