MOHAMED ABUBAKKAR S

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EDUCATION

Sri Eshwar College Of Engineering	**B.TECH (AI&DS)**	**CGPA 8.54** (Upto 3rd Sem)	**2022 - 2026**
Syed Ammal Hr Sec School	**HSC**	**90.33 %**	**2020 - 2022**
Mohamedia Hr Sec School	**SSLC**	**95%**	**2019 - 2020**

EXTRA ACADEMIC COURSE

Indian Institute Of Technology Madras	**BS Data Science**	**A Grade**	**2024 - 2026**

Professional Experience

MERN Stack - RV TECH LEARN **2024**

Applied MERN Stack expertise to develop secure APIs and implement database connections for user authentication in dynamic web applications. Collaborated within a team environment to gain practical experience with cutting-edge technologies

ML Engineer - Cell Strat **2024**

expertise to develop **ImageView** connections for Document Based chatbot with AWS. Collaborated within a team environment to gain practical experience with cutting-edge technologies

PROJECTS

Prescription Analyze And Medicine Suggestion Bot **2024**

It is an OCR model to scan doctor's prescriptions and extract medicine names using NER. Integrated with a trained model, Provides descriptions and images of the medicines, functioning as a Prescription Analysis and LLM Based Medicine Suggestion Bot.

Tech stack: OCR , Intel OneAPI , Deep Learning

InnovHunt: **2024**

The Combination Of Web3 And AI. It Connects the Investors and Founders. It contains Secure Transactions and AI Recommendation System Based on The Genre of the Investor.

Tech stack: Machine Learning , Block Chain , SubaBase

Thunderstorm Prediction: **2023**

Predictive model for early thunderstorm prediction, facilitating proactive safety measures in aviation.The project integrates with Realtime Time series data analysis with weather prediction, ensuring comprehensive safety measures and operational adjustments.

Tech stack: Machine Learning

Special Device For Visually Challenged People **2023**

SDVC is a device trained on YOLO model for object detection on ESP32 Camera, empowering visually challenged individuals with SDVC.This special device provides object detection , along with an SOS button for caregiver assistance.

Tech stack: Machine Learning , IOT , REST API

CERTIFICATIONS

Cloud Computing Indian Institute Of Technology - Kharagpur	**2024**
Supervised Machine Learning Mathematical Related ML Algorithms **Stanford University**	**2024**
A Joy Of Python Indian Institute Of Technology - Madras **NPTEL**	**2023**
What is Data Science Road Map For Data Science Rav Ahuja Instructor **IBM**	**2023**
Crash Course On Python Hands-On Course **Google**	**2023**
Mastering Data Structure and Algorithms Using C and C++ Abdul Bari Instructor **Udemy**	**2023**

ACHIEVEMENTS

OnePiece International Hackathon 4th Place with Cash Prize of **$6000**
Intel Gen AI Hackathon Top 10 among 500 teams for **Prescription Analysis and Medicine Suggestion Bot**
Aventus 2.0 Hackathon Finalist Conducted By **Cell Strat** at **Dayananda Sagar College Of Engineering Bangalore**
AI Agent Hackathon Finalist - Conducted By **Fetch.ai** At **IIT Madras**
National Level **ML Hackathon** Participated At **IIITDM Kanchipuram**
National Level Hackathon Participated at **PSG ITECH**
Project Leap SECE Secured **First Position**
Java DB Hackathon SECE Secured **First Position**
Innov Fest SECE Secured **Third Position**
National Level **Coding Competition Finalist** at PSG ITECH
Leetcode 500 + Problems Solved **Rating 1774** **Top 8.69 %** in the World **Profile**
Codechef 200+ Problems Solved **Rating 1068** **Profile**
Hackerrank 4 Certifications 3 Badges **Profile**

SKILLS

Languages - C C++ Python Java
Web Technologies: HTML CSS React (Basics) JavaScript (Basics) LLM Neural Machine Translation
Technical - DSA Machine Learning Deep Learning Web Development NLP OPENAI GENAI Computer Vision Pytorch
Framework - Django REST API Flutter Robot Framework NLP GPT3 T5 Indian language NMT Tensorflow, scikit-learn
Query Language - SQL MongoDB Apache Computer Science fundamentals problem-solving object-oriented design
Tools - VScode Pycharm Canva Github Jupyter Notebook Anaconda AWS Tableau PowerBI complexity analysis