Mohammed Afreedhi M

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Objective

Seeking the role of a Software Engineer where I can contribute towards the organizational goals through my technical skills and knowledge acquired by pursuing a degree in Computer Science Engineering.

Education

Sree Narayana Gurukulam College Of Engineering	Kolenchery, Ernakulam, Kerala
Bachelor of Technology in Computer Science,CGPA-6.86/10	*November. 2022 – Present*
C.A.High school	Palakkad,Kerala
12th(State Board)– Science, Percentage-79.50	*June. 2020 – June 2022*

Internship

AI and Machine Learning — 05.06.2025 – 30.06.2025
NeST — *Ernakulam, India*

- Learned foundational AI and ML concepts, including supervised and unsupervised techniques.
- Used Python libraries like NumPy, Pandas, and Scikit-learn for data analysis.
- Built machine learning models, including k-NN and Decision Trees.
- Collaborated on a team project to solve real-world problems using ML techniques.

Licenses And Certifications

- **AMAZON: DevOps on AWS: Code, Build, and Test** — *AWS·CI/CD Pipelines Automation*   March 2025
- **UDEMY : The Complete Full-Stack Web Development Bootcamp** — *MERN stack*   September 2025
- **GOOGLE : Crash Course on Python** — *Fundamentals, Data Structures, Algorithms, OOP* 8   April 2025
- **Postman API Fundamentals Student Expert** — *API Testing and Automation, Collections*   March 2025

Academic Projects

Blockchain-Based Voting System | *Python, Flask, React, MongoDB, Truffle, Ganache, Electron.js.*   May 2025

- Developed a secure, decentralized voting system leveraging blockchain to ensure transparency, prevent vote tampering, and enhance voter authentication.
- Implemented Aadhaar-based voter verification and Python-powered face authentication for robust security.
- Designed offline functionality to eliminate online fraud, with blockchain-based tamper-proof vote recording and auditable results.
- Recorded votes on Ethereum blockchain via Truffle and Ganache

Personal Medical AI Assistant | *Python, React.js, Node.js, Scikit-learn,Hugging Face,Pandas,NumPy.* March 2024

- Built an AI healthcare assistant with a chatbot, disease prediction engine, and appointment scheduler.
- Developed ML models for symptom analysis and healthcare suggestions using Scikit-learn and Hugging Face.
- Added image-based food calorie estimation to analyze calorie content from uploaded food photos.
- Utilized Pandas and NumPy for data processing and ensured secure authentication and data privacy

Technical Skills

Languages: Java, Python, C, SQL (Postgres), JavaScript, HTML/CSS,
Frameworks: React, Node.js, Flask, FastAPI, Tailwind CSS, Material-UI
Libraries: Scikit-learn, Hugging Face, Pandas, NumPy, Matplotlib
Databases: MongoDB, Supabase, Firebase

Pofessional Society Membership

- Member of IEEE, No.99985789 , Enrolled on 06-11-2023
- Member of Mulearn-Tech Lead, Enrolled on 01-02-2025.

Social Responsibility

- **Web Tech Executive,IEEE CSE Execom**: Managed and advanced web technology initiatives supporting IEEE CSE activities and digital engagement at SNGCE, Kolenchery,Ernakulam.

Personal Details

Languages Known: English, Malayalam, Tamil, Hindi And Arabic.
Location: Dhiya Manzil, Akshaya Nagar, koduvayur, Palakkad, Kerala 678501, India.

Academic Endorsement[1]

Name: Prof.Dr.Smitha Suresh
Designation : Head Of Department(HOD)
Department : Computer Science and Engineering
College Name : Sree Narayana Gurukulam College of Engineering,Kolenchery, Ernakulam, Kerala.
College Address : Kolenchery, Engineering College Road, Kadayirippu, Kerala 682311
Email ID : Smithadeepak2006.sngce@gmail.com
Mobile Number : +91-9447990798

Academic Endorsement[2]

Name: Ms.Nisha P K
Designation: Assistant Professor
Department: Computer Science and Engineering
College Name : Sree Narayana Gurukulam College of Engineering,Kolenchery, Ernakulam, Kerala.
Email ID: nishapk@gmal.com
Mobile Number:+91-9995564877

Declaration

I hereby declare that the above-written particulars are true to my knowledge and belief.

Place: Ernakulam
Date: 18-05-2025

Mohammed Afreedhi.M