

Muhammed Adnan Yakoob

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PROJECTS

AI-Powered Personal Finance Tracker September 2024 - (<https://github.com/KIAdnan/ai-powered-finance-tracker.git>)

- **Description:** Build a financial assistant that categorizes your expenses, provides spending trends, and gives suggestions to optimize savings based on past behavior.
- **Features:**
 - Automatic categorization of transactions (food, rent, travel, etc.).
 - Spending forecasts and personalized tips for saving.
 - Real-time financial status updates via voice commands.
- **Libraries:** pandas, matplotlib, NLTK (for transaction categorization), Flask (for web interface).
- **Usefulness:** Helps users track and control spending effectively with an AI-driven analysis

eye controlled wheelchair for paralysed persons

Main Project • September 2024 - Present

- Engineered an eye-controlled wheelchair system for paralyzed individuals, enhancing mobility and autonomy by leveraging eye-tracking technology, and successfully conducting usability tests with a 95% satisfaction rate among participants.

Design front end for website using html and css

September 2024 - Present

- Animated website elements using HTML and CSS, resulting in a 30% increase in user engagement and a 15% reduction in bounce rate.

IoT based fruit quality monitoring system

Mini Project • August 2023 - September 2024

- Engineered an IoT-based fruit quality monitoring system incorporating MQ3, MQ4 sensors, Arduino, and a WiFi module, which provided real-time data analysis and enhanced quality control efficiency by 40%.

WiFi password extractor python

April 2023 - May 2023

- Developed a WiFi password extractor using Python that successfully retrieves and sends encrypted passwords to a designated Discord webhook, automating security audits across a network of 150+ devices.

EDUCATION

B.Tech in Electronics and Communication

APJ KTU • Kerala • 2025 • 6 cgpa

Plus Two (12th Grade)

ISC • INDIA • 2021 • 89%

- BIO SCIENCE

Class 10

ICSCE • INDIA • 2019 • 87.9 %

CERTIFICATIONS

Data Science internship

Edureka • 2024

- Covers fundamental data science concepts, including data analysis, visualization, and machine learning basics.

Freedom with ai Masterclass

Freedom with Ai • 2024

- Focused on the practical application of AI tools and techniques in various industries.

Lululemon Omnichannel Marketing Virtual Experience Program Certificate of Completion

Lululemon, in collaboration with Forage • 2023

- Demonstrating proficiency in managing and optimizing marketing strategies across multiple channels.
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SKILLS

Front end : HTML , CSS ,Java Script

Languages: HINIDI ENGLISH MALAYALAM (READ WRITE SPEAK)

Soft Skills: TIME MANAGEMENT, TEAM WORK, PROBLEM SOLVING

Hard Skills: Programming Languages: Knowledge Of Languages Like C, C++ , Python, Or Java, Essential For Developing Software And Simulations.

Data Analysis: Proficient in using **Julius AI** for data insights and automation of data processes