

# MOHAMED ROSHAN RAYAN

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roshanrayan.tech

## EDUCATION

2022 – 2026	Bachelor of Engineering (AI&ML), BMSIT&M	CGPA: 8.40 / 10.0
2020 – 2022	Pre-University Education, Ashok PU College	Percentage: 91%

## EXPERIENCE

<b>Co-Founder</b> , Margroms Private Limited, Bengaluru	Dec 2024 – Present
<ul style="list-style-type: none"><li>Co-founded a restaurant-focused startup delivering POS, website, and marketing solutions.</li><li>Drove client acquisition, brand partnerships, and strategic growth of digital products.</li><li>Oversaw end-to-end business operations, focusing on scalability and market outreach.</li></ul>	

  

<b>Technical Lead</b> , Margroms Private Limited, Bengaluru	Dec 2024 – Present
<ul style="list-style-type: none"><li>Led design and implementation of tech systems streamlining restaurant operations.</li><li>Architected POS and loyalty platforms integrating automation, analytics, and real-time insights.</li><li>Mentored development teams, ensuring alignment between technology and business goals.</li></ul>	

## PROJECTS

### AI-Powered POS System for Restaurants

- Developed an intelligent Point-of-Sale system integrating AI for sales forecasting, voice-based order taking, and personalized menu recommendations.
- Implemented a real-time analytics dashboard for revenue tracking and decision support.
- Tech Stack:** Python, React, Node.js, MongoDB

### Job-Buddy – AI Job Interview Assistant

- Built an AI system using NLP to simulate job interviews, evaluate candidate responses, and generate feedback reports.
- Integrated text classification and sentiment analysis models to assess communication clarity and confidence.
- Tech Stack:** Python, Flask, Transformers, React

### Research Critic AI – Automated Paper Review System

- Created an LLM-based reviewer tool using Groq LLM and PyMuPDF for extracting, summarizing, and critiquing academic papers.
- Implemented scoring modules to assess novelty, clarity, and relevance in research content.
- Tech Stack:** Python, Groq API, PyMuPDF, Streamlit

## TECHNICAL SKILLS

<b>Programming Languages</b>	Python, C, JavaScript
<b>Libraries/Frameworks</b>	React, Node.js, SQL
<b>Tools</b>	GitHub, Jupyter Notebooks, XAMPP
<b>Core Competencies</b>	Frontend Development, Data Analytics, Machine Learning Engineering, Predictive Modeling, Cloud Integration, Software Architecture, Project Management