

Mohammed Abdur Rahman

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[Portfolio](#) | [LinkedIn](#) | [GitHub](#)

Personal Summary

versatile Full-Stack Developer & AI/ML Engineer with expertise in building end-to-end solutions from scalable web applications to AI-powered platforms and data-driven products. Skilled in Python, JavaScript, React, Node.js, Django, and AWS, with hands-on experience in machine learning, cloud, and IoT. Recognized as a Smart India Hackathon Finalist and contributor to impactful projects like AI career counseling, robotic assistants, and educational video generators. Combining strong technical depth with team leadership and problem-solving, I deliver innovative, human-centric solutions that create real-world impact.

Skills

Programming Languages: Python, JavaScript, C++, c, Java, SQL, PHP, GO Lang

Frameworks & Libraries: Docker, Django, React Native, React.js, Next.js, Node.js, Express.js, Django REST Framework

Web Development: HTML5, CSS3, Bootstrap, AJAX, REST APIs, Responsive Design, E-Commerce, Backend

Tools & Platforms: AWS, LangChain, Git, GitHub, Arduino, Pandas, NumPy

Technologies: MERN Stack, SaaS, IoT, AI, Machine Learning, Parallel Algorithms

Soft Skills: Presentation Skills, Team Management, Project Management, Collaboration, communication, problem-solving, making key decisions

Experience

AI/ML Intern

[Certificate](#)

Wave Infotech | Hyderabad, Telangana, India | Nov 2023 - May 2024

- Completed a 6-month internship in Artificial Intelligence and Machine Learning (AI/ML), securing an "A+" grade for performance and project delivery.
- Implemented and optimized 5+ ML models (classification, regression, clustering), improving accuracy by up to 15% compared to the baseline.
- Developed end-to-end workflows involving data collection, cleaning, visualization, model training, and evaluation using Python libraries such as NumPy, Pandas, Scikit-learn, and Matplotlib.

Frontend Web Developer

Beyond Technologies | Visakhapatnam, Andhra Pradesh, India | Jan 2023 - Jul 2023

- Designed and implemented responsive front-end web applications using modern frameworks involving React.js, Next.js and Tailwind CSS.
- Collaborated with back-end teams to deliver seamless user experiences and integrations with APIs.

Education

Scaler School of Technology, Bengaluru, Karnataka, India

- Bachelor's Degree in Computer Science** | Aug 2024 - Aug 2028

Birla Institute of Technology and Science, Pilani, Rajasthan, India

- Bachelor's Degree in Computer Science** (Online) | Aug 2024 - Aug 2027

Sai Ganapathi Polytechnic College, Visakhapatnam, Andhra Pradesh, India

- High School Diploma in Computer Engineering** | May 2021 - May 2024
- GPA: 9.5/10

Certificates

- AWS Certified Cloud Practitioner - [link](#)
- Smart India Hackathon Finalist - Government of India (Dec 2024) - [link](#)
- Tata Group: Data Visualization Simulation - Forage (Jul 2024) - [link](#)
- Machine Learning Certification Program - IIT Madras & GUVI (Oct 2023) - [link](#)
- AI For India 2.0 - GUVI (Aug 2023) - [link](#)
- Project Management & New Product Development - Cloud Counselage Pvt. Ltd. (Jul 2023) - [link](#)

Projects

Clarity: AI-Powered Career Counselling Platform

- Built a platform offering personalized career advice using data-driven analytics and AI
- Technologies: MERN Stack, AI, Data Analysis, Presentation Skills
- [Live Demo](#)

Porto Generator

- Designed an online tool for creating professional resumes and portfolios
- Technologies: Node.js, Express.js, Problem Solving, Parallel Algorithms
- [Live Demo](#)

Sai Ganapathi Engineering College Website

- Developed the official website for the college
- Technologies: Django, HTML, CSS, AJAX, REST APIs
- [Live Demo](#)

Smart Robo Face: Personal Interactive Assistant

- Created an AI-driven robotic interface with advanced motion tracking and conversational capabilities
- Technologies: Arduino, Python, Embedded Systems

AI powered Educational Video Generator

- Developed an AI-powered platform designed to revolutionize student education
- generates engaging, high-quality educational video content.
- Technologies: Python FastAPI, Node.js, React, LLM, FFmpeg

Languages

- **Urdu:** First Language
- **English:** Advanced (C1)
- **Hindi:** Proficient (C2)
- **Telugu:** Advanced (C1)