



MOHAMMED SAAQIB R

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B.Tech, Computer Science and Engineering - Artificial Intelligence
and Machine Learning
Address : CASAGRAND MASSEYS



Education

SRM IST-Kattankulathur B.Tech · Computer Science and Engineering - Artificial Intelligence and Machine Learning	2027 CGPA - 7.02/10
CHETTINAD VIDYASHRAM Class XII - CBSE · Chennai	2023 Percentage - 75%
CHETTINAD VIDYASHRAM Class X - CBSE · Chennai	2023 Percentage - 70%

Experience

Rocksphere pvt ltd Freelance Developer · developer · Freelancer	Aug 2025 Chennai
Developed and Managing the company website , ensuring modern UI/UX and responsive design. Designed and built a custom food ordering software , integrating menu management, ordering workflows, and backend support for smooth operations.	

Projects

CURELITH · python,numpy,Scikit-learn,React native,open-CV, Speech_recognition, pyttsx3 (offline TTS) ,gTTS + pydub (multilingual TTS) Developed an intelligent healthcare platform integrating multimodal AI for diagnosis, treatment guidance, and medical learning. Features include symptom-based reasoning, PDF/OCR lab report analysis, speech recognition, personalized follow-ups, and dynamic treatment recommendations. Built using NLP (transformers, FAISS, HuggingFace), ML (custom diagnosis classifier), and web knowledge integration from trusted sources (WHO, Mayo Clinic, NHS). Designed with memory, feedback learning, and avatar-based user interaction to function like an MBBS-level AI doctor.	Jul 2025 - Aug 2025 HEALTH CARE
FUSE · React Native, Expo, TypeScript, React Navigation, AsyncStorage, WebView, react-native-twilio-video-webrtc, Agora SDK, expo-image-picker, AdMob, Node.js, Express.js, MongoDB. Built Fuse, a Gen-Z focused dating app with real-time interest-based matchmaking , Twilio/Agora video calls, in-call chat, compliments-based chat unlock, AWS-hosted backend with Node.js/Express, MongoDB, and image storage on S3, integrated with ads for monetization.	Dec 2024 - Mar 2025 DATING APP
CAMPUS DINE · Node.js, Express, MongoDB, Multer, AWS S3, React Native, Expo, Expo-Image-Picker Developed a FoodTech app (Campus Dine) for campus dining, enabling real-time menu uploads, image storage on AWS S3, and seamless food ordering through a React Native mobile interface with a Node.js + MongoDB backend.	Oct 2024 - Nov 2024 FoodTech – Campus Dining & Online Ordering Platform
LANGBRIDGE · Node.js, WebSocket, React, React Native, Translation APIs/LLMs, Discord/WhatsApp APIs Developed LangBridge, an AI-powered multilingual chat SDK and overlay enabling real-time translation across platforms like Discord and WhatsApp, breaking language barriers with seamless cross-platform communication.	Sept 2025 - Sept 2025 AI Communication / Multilingual Chat Technology.
SYNERGY · React Native, Node.js, Express, MongoDB Built Synergy, an Instagram-style social media app with features like photo uploads, likes, comments, and real-time feeds, using React Native frontend and Node.js + MongoDB backend with Firebase authentication and cloud storage.	Jun 2024 - Jun 2025 Social Media / Photo Sharing Platform

BANKING APPLICATION USING PYTHON · Python, Object-Oriented Programming (OOP), CLI Developed a Python-based banking application with clean design and reliable transaction handling, leveraging OOP principles to implement core features like account creation, balance tracking, deposits, and withdrawals through a user-friendly CLI interface.	Jun 2023 – Jun 2023 FinTech / Banking Systems
AI ASSISTANT · Python, Speech Recognition, pyttsx3 (TTS), Web Scraping, Task Automation Built a JARVIS-inspired personal assistant capable of handling voice commands for search, notes, reminders, and quick tasks, integrating speech recognition, text-to-speech, and automation for a seamless local assistant experience.	Nov 2023 – Nov 2023 AI Assistant / Productivity Tools
AI Trading Bot · Python, Pandas, Scikit-learn, TensorFlow/PyTorch, Reinforcement Learning, Backtesting Libraries (custom engine). Designed and implemented a multi-stage autonomous trading bot with CSV-based backtesting, feature engineering, ML models, deep learning, and reinforcement learning strategies for live market integration.	Aug 2025 – Sept 2025 FinTech / Algorithmic Trading

Certifications

IBM CERTIFICATION WEBLINK COURSERA · 5JCUDSE6ZK56 IBM Data Science Specialization (Coursera) – Completed June 2024 • Verified specialization completed over 4 months (~160 hours). • Gained expertise in Python programming, SQL, data analysis, and machine learning . • Applied data science methodology to real-world problems using tools like Jupyter Notebooks, IBM Watson Studio, and GitHub . • Built end-to-end projects covering data wrangling, visualization, predictive modeling, and capstone analysis . • Courses completed: <i>What is Data Science?, Tools for Data Science, Data Science Methodology, Python for Data Science, Databases & SQL, Data Analysis with Python, Data Visualization with Python, Machine Learning with Python, Applied Data Science Capstone</i> .	Jul 2024
Certificate of Completion – C Programming (Basic Level) Issued by SRM Institute of Science & Technology in collaboration with IEEE and Purdue University EPICS Program. · 522284598929 Completed 50 hours of intensive programming practice and solved 100 problem-solving challenges using eLab (online laboratory).	Oct 2023

Competitions

The Smart India Hackathon 2025 (Internal Edition) FINALIST Presented an innovative idea to convert biogas into biomethane for use in hybrid tractors. Proposed a sustainable circular system where agricultural waste is processed into fuel, and by-products are repurposed as organic fertilizers. Focused on reducing emissions, improving farm efficiency, and promoting green energy solutions for agriculture.	Sept 2025
Bug Buster’s – Final Round FINALIST Participated as a Finalist in the <i>Bug Buster’s Final Round</i> , a coding and debugging competition organized by the CINTEL Student Association, SRMIST. Demonstrated strong problem-solving and programming skills through multiple intensive coding challenges	Sept 2024

Conferences and Workshops

UNICEF All Political Party Meet for Child Welfare UNICEF India & Anna University · Anna University, Chennai, Tamil Nadu Participated in a dialogue uniting policymakers, academics, and development partners for child welfare in Tamil Nadu. Had the opportunity to introduce my large-scale AI healthcare model focusing on mental health support for children , highlighting the role of technology in promoting emotional well-being. The experience reinforced the importance of collective responsibility and political will in driving meaningful change for children’s future.	May 2025
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8th International Conference on Nanoscience and Nanotechnology (ICONN-2025)

Mar 2025

Department of Physics and Nanotechnology & Nanotechnology Research Centre (NRC), SRM Institute of Science and Technology · SRM Institute of Science and Technology, Kattankulathur, Tamil Nadu

Volunteered at **ICONN-2025**, the 8th International Conference on Nanoscience and Nanotechnology, jointly organized by SRMIST and NRC with global academic partners. Assisted in event coordination and gained exposure to cutting-edge research discussions in nanoscience, physics, and interdisciplinary technologies.

Skills

Programming Languages: Python

Technical Skills: MongoDB, PostgreSQL, Firebase, AWS S3, NLP, Computer Vision, Deep Learning, Reinforcement Learning, Model Training & Fine-tuning

Tools and Technologies: GitHub, Docker, AWS (EC2, Elastic Beanstalk, S3), Vercel, Twilio, Agora, Discord API, WhatsApp API, Translation APIs

Languages and Frameworks: React Native, React, Node.js, Express, Expo, TensorFlow, PyTorch, Scikit-learn, Pandas, NumPy

Languages

[Professional Working Proficiency], Tamil [Native Proficiency], Hindi [Limited Working Proficiency]

Links

[LinkedIn](#), [GitHub](#)