Muhammad Rayyan Mohsin

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ARTIFICIAL INTELLIGENCE ENGINEER & RESEARCHER

WORK EXPERIENCE

AI Engineer at ClientAcquisition.io │ Nov 2025 - Present │ Remote, Montreal

- Building **AI-powered products** at a growth company serving **2,000+ clients** across **13+ industries**, helping agencies and high-ticket businesses scale to **$50K-$100K+/month**.
- Working on **TryCook.ai**, a full-stack **AI operating system** with **specialized LLM agents** for sales automation, content generation, ad management, and CRM integration — powered by **Claude**, **OpenAI**, **Gemini**, and the **Mastra** agent framework.
- Working on **The Truth Engine (research.trycook.ai)**, an **agentic AI market research platform** that reverse-engineers competitors, identifies high-intent markets, and generates **7-figure offer blueprints** in seconds.

AI Engineer at Remoto Co. │ April 2025 - Nov 2025 │ Remote, Spain

- Implemented **Multi-Armed Bandit** algorithms and **reinforcement learning** on complex **hierarchical marketing data**, coupled with **forecasting models** to predict and improve **ad ROI** across Facebook.
- Built a **Job Engine** for the German market aggregating listings via **APIs** and **search AI agents** into a unified discovery platform.
- Delivered multiple **AI automations** that streamlined operations and drove **measurable business impact**.
- Developed a web app that **digitalized solar surveys** in the UK by integrating the **Google Solar API** for enhanced insights and planning.

AI Internship at LMKR │ July 2024 - Sept 2024 │ Islamabad, Pakistan

- Researched and implemented **deep learning** models using **TensorFlow** and **PyTorch**, achieving **87% accuracy** on custom datasets.
- Applied **computer vision** techniques including **YOLO** for real-time object detection with **45 FPS** processing speed.
- Developed **NLP** models for text processing, **sentiment analysis**, and **language understanding** with **92% precision**.
- Implemented **neural networks (ANNs)** and **transfer learning** for various AI applications, reducing training time by **60%**.

AI Research Fellowship at Bytewise │ June 2024 - July 2024 │ Islamabad, Pakistan

- Specialized in **AI research** and development of **intelligent systems**
- Applied **advanced NLP** techniques and **transformer architectures**
- Researched **deep learning** optimization and **neural architecture search**

PROJECTS

Social Media Content Automation

Automated daily **TikTok content creation** using **n8n** with **OpenAI-powered AI Agents**, **ElevenLabs** voice generation, and video models evolving from **Bytedance Seedance** to **Veo 3** to **OpenAI Sora 2**. Ran **3 self-sustaining accounts** uploading **2 videos daily** with zero human intervention.

Agent Memory — AI Research Intelligence Platform [Live]

Built an **agentic research platform** with **autonomous AI agents** that scrape **Reddit**, **YouTube** (with transcript extraction), and web sources to generate market research reports via **GPT-4o-mini**. Implemented **semantic duplicate detection** using **OpenAI vector embeddings** and a **RAG** system with **vector search** for natural language queries across past research. Features **PDF export**, **Supabase** with Row-Level Security, and **AI-generated topic suggestions**.

JOBr

Full-stack **job matching platform** using **cosine similarity** to match candidates with jobs. Automated vetting and scoring via **n8n workflows** on **Supabase**, reducing manual screening by **85%**. Integrated a **RAG-powered chatbot** with **real-time scoring** and interactive **skill tree visualizations**.

Gagent

Fully automated **Gmail inbox management** using **n8n** with **AI agents** that auto-label, categorize, and reply to emails by checking **calendar availability** and referencing **personal goals** in Supabase. Saves **3+ hours** of daily email management with **emotionally intelligent automation**.

EDUCATION

National University of Computer and Emerging Sciences │ 2022 - 2026 │ Islamabad, Pakistan
Bachelors, Data Science

City School Capital Campus │ 2020 - 2022 │ Islamabad, Pakistan
A levels

City School Satellite town Campus │ 2017 - 2020 │ Rawalpindi, Punjab
O levels