

SHAHNAWAZ AADIL MOHAMMAD

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

PROFESSIONAL PROFILE

Master of Artificial Intelligence student at RMIT University with a background in Computer Science and Data Science. Experience in generative AI development, applied machine learning, and building practical AI applications. Seeking graduate and junior roles in AI and software development.

TECHNICAL SKILLS

Languages Python, JavaScript, SQL, C, R

AI & Data Large language models (LLMs), retrieval-augmented generation (RAG), scikit-learn, NumPy, pandas, MediaPipe, NLTK

Development HTML/CSS, REST APIs, Ollama, Git, GitHub, SQLite, Flask

Visualisation Matplotlib, Seaborn, Plotly, Streamlit, Tableau

SELECTED PROJECTS

Hearth — Local Multi-Model AI Assistant | Ollama, React, TypeScript, REST APIs

- Built a local-first AI assistant with switchable fast, deep-thinking, and uncensored model profiles, including per-chat model and context controls.
- Implemented streamed responses, searchable conversation history, message editing and regeneration, and privacy/offline settings.

AI Coding Assistant & Document Analysis | DeepSeek R1 (1.5B), RAG

- Developed an AI coding assistant powered by DeepSeek R1 (1.5B) to support debugging and code completion.
- Built a retrieval-augmented document analysis system for information retrieval and document-based question answering.

Signify AI — Hand Sign Recognition | MediaPipe, neural networks

- Co-developed an Indian Sign Language hand-sign recognition website using MediaPipe hand landmarks and dense neural networks.
- Collaborated in a six-person Smart India Hackathon 2024 team, working with a dataset of 57,600 images to support gesture recognition.

EXPERIENCE

Phone Repair Technician | Supreme Fone Fix · Victoria, Australia

Feb 2026–Present

- Independently diagnosed and repaired mobile-device hardware/software faults while managing customer technical support and daily kiosk operations.

Software Development Intern | ADVI Group of Companies · Hyderabad, India

Dec 2024–Jun 2025

- Worked on generative AI development and applied machine-learning concepts in a software development setting.

EDUCATION

Master of Artificial Intelligence

Expected Dec 2027

RMIT University · Melbourne, Australia

Bachelor of Engineering — Computer Science and Data Science

Jun 2025

Lords Institute of Engineering and Technology · Hyderabad, India | CGPA: 9.23/10

CERTIFICATIONS & LEADERSHIP

Certifications IBM Professional Data Science Certificate; NPTEL Data Science for Engineers and Introduction to Machine Learning

Leadership Vice President, Lions Club International (Aug 2023–Jul 2025); coordinated community initiatives and volunteer teams.