

Aakash

Full Stack Developer | Perth, WA, Australia | ak4351770@gmail.com | linkedin.com/in/aakasho01
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Profile Summary

A passionate Full Stack Developer and Machine Learning Engineer currently pursuing a Bachelor of Science in Computer Science at Murdoch University with advanced standing from NUST. Skilled in both frontend and backend development, with practical experience in AI, ML, and full-scale web application development using MERN and Next.js stacks. Dedicated to creating innovative, efficient, and user-focused digital solutions.

Education

Bachelor of Science in Computer Science — Murdoch University, Perth, WA (Ongoing, Advanced Standing, 24 Credit Hours Accepted)

Bachelor of Science in Computer Science — National University of Sciences and Technology (NUST), Pakistan (Completed 4 Semesters, CGPA 3.41)

Professional Experience

Machine Learning Engineer — Al Raheem Technologies Pvt Ltd

Worked on developing and optimizing machine learning models for automation and predictive analytics tasks. Collaborated with a multidisciplinary team to integrate ML pipelines into production environments, improving efficiency and accuracy.

Technical Skills

- Languages: C, C++, JavaScript, TypeScript, SQL, Python
- Frameworks: MERN Stack, Next.js, React, Express, Node.js
- Tools: GitHub, MongoDB, MySQL Workbench, TailwindCSS
- Others: AI/ML model development, Socket Programming, Raylib, Data Structures & Algorithms

Projects

- **CrackIt — EdTech Platform (Full Stack)**

MERN & Next.js-based platform for MCQs, notes, and live lectures. Built scalable collections, authentication, and content management.

Tech: MongoDB, Express, React, Node.js, Next.js

- **SynthureAI — AI Music Covers (Frontend Developer)**

Developed responsive audio upload & playback UI for AI-generated voice covers.

Tech: Next.js, TailwindCSS, React, AI/ML

- **Structify — DSA Visualizer (Backend Developer)**

Interactive tool visualizing arrays, stacks, queues, and trees with animations.

Tech: Node.js, Express, TypeScript

- **4096 — Human vs AI Game**

2048-style game featuring AI heuristic opponent.

Tech: JavaScript, Canvas

- **ATM Interface (C, Raylib)**

Desktop UI for ATM operations including authentication, balance inquiry, and receipts.

Tech: C, Raylib

- **Hospital Management System (SQL Project)**

Led database schema design and complex query development.

Tech: MySQL, SQL Workbench

- **Live Chat (C++)**

Socket-based client-server chat system for networking practice.

Tech: C++, Sockets