

Sabiq Sabry

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EDUCATION

Asia Pacific University of Technology & Innovation (APU)

Faculty of Computing
Master of Science in Artificial Intelligence

Kuala Lumpur, Malaysia

Oct 2024 – Oct 2025

CGPA: 3.4

University of Westminster

Cavendish Campus
Bachelor in Science in Computer Science (*Upper Second Class Honours*)

Westminster, London

Sep 2018 – Nov 2023

GPA: 3.6

SKILLS

Languages: Python, TypeScript, C++, Java, SQL, JavaScript, MATLAB

AI/ML: TensorFlow, PyTorch, Scikit-learn, NLP, Deep Learning, Computer Vision, Sensor Fusion

Robotics: ROS, Robot Studio, RAPID, Robot Navigation, Path Planning, Motion Control

Frameworks: Django, Flask, Node.js, Firebase, MongoDB, MySQL, AWS, Azure

Front End: Flutter, React, React Native, SwiftUI

WORK EXPERIENCE

Tactik AU

Senior Web Developer (Remote)

Dandenong South, Australia

May 2021 – Dec 2022

- Developed custom websites using React and Firebase for 15 startups, increasing online visibility by 30% and lead generation by 20%.
- Developed user-friendly interfaces by conducting extensive research on user expectations and incorporating prioritized features throughout the development cycle, resulting in a 20% increase in website engagement.
- Created standardized data pipelines and reporting frameworks to support data-driven decision-making and real-time metrics visibility.

Kent Institute

Teaching Assistant (Part Time)

Colombo, Sri Lanka

May 2017 – Dec 2021

- Tutored 40+ secondary school students in Computer Science and Mathematics for GCSE examinations.
- Developed tutoring materials and practice tests, adapting teaching methods to different learning abilities.
- Broke down complex conceptual topics into understandable examples, improving student comprehension.

the Radiant

Senior Web Developer

Colombo, Sri Lanka

Jan 2021 – May 2021

- Implemented hybrid infrastructure combining AWS and on-premise resources, reducing server downtime by 30% and saving LKR 50,000 annually.
- Automated invoice and contract systems using Python, reducing manual data entry errors by 80% and saving more than 100 labor hours every month.

UniqSolutions

Junior Web Developer

Colombo, Sri Lanka

Aug 2020 – Oct 2020

- Built and deployed RESTful API servers using PHP and SQL for a car rental booking application, improving reservation efficiency by 30%.
- Designed an employee status tracker using IoT technologies and React Native, resulting in a 50% reduction in manual tracking errors.

PROJECTS – (github)

- Multimodal Pneumonia Diagnosis (Thesis)** – Deep learning framework combining chest X-rays with EMR data for pneumonia diagnosis using late fusion, Grad-CAM and SHAP explainability (Python, TensorFlow)
- AlphabetBot** – Industrial robot programming project for drawing alphabet letters using precise motion control and trajectory planning (ABB RobotStudio, RAPID)
- Twitter Sentiment Analysis** – Reproducible deep learning comparison of BiLSTM/GRU vs DistilBERT for sentiment classification (Python, PyTorch, HuggingFace)

- **ONCO (Contributor)** – Contributed to an AI-based cancer diagnosis platform using deep learning and ML for prognosis (Flutter, Python, TensorFlow, Flask, Azure)
- **Text Classification System** – NLP tool for sentiment and spam detection (Python, Scikit-learn, Streamlit)
- **BAWT – Behaviour Analysis with Text** – NLP-based model to analyze human chat behavior and detect communication patterns (Python, Jupyter, NLP)
- **Pash** – AI-powered expense splitting application using natural language processing to parse and allocate shared bills (Next.js, Supabase, Claude AI)
- **Carbon Compass** – NLP-based system for extracting environmental metrics and detecting greenwashing in corporate sustainability reports (Python, Machine Learning, NLP)
- **Spa Ceylon Bot** – AI-driven shopping assistant with conversational interface and personalized product recommendations (Node.js, React, Claude AI)
- **Gedara Rent** – Full-stack property rental platform with authentication, booking workflows, payment integration, and role-based dashboards (Next.js, TypeScript, Prisma, Stripe)
- **Inventory Manager** – Inventory and production management system with order tracking, supplier/customer modules, and analytics dashboards (React, TypeScript, Vite)
- **Spelling Correction System** – Typo correction tool using edit distance and token-level NLP (Python, NLTK)
- **Budget Buddy** – Personal finance tracker with categorized budgets and real-time sync (Flutter, Firebase)
- **WeatherAirQuality** – Display real-time air quality index and weather data (Swift, Xcode)
- **WhatsApp Clone** – Real-time chat app with media sharing and authentication (Flutter, Firebase, Socket.io)
- **Uber Clone** – Ride-hailing app with live tracking and user role switching (Flutter)
- **Habit Ease** – Track daily habits with streaks, reminders, charts, and local storage (Flutter, Hive)
- **TikTok Clone** – A vertical video scroll app mimicking TikTok’s interface with local video assets (Flutter, Dart)
- **Instagram Clone** – A dynamic photo feed, story viewer, and search with the Unsplash API (Flutter, Dart)

AWARDS

SLIIT Datathon

July 2020

- 3rd Place – Participated in the Datathon Final Competition, representing UOW, where my team and I tackled approximately 10 algorithm questions and presented a Covid Area Recognition app.

IIT Hackathon

April 2019

- Runner’s Up – Participated in a Hackathon with my team where we had to build a site out of pure HTML/CSS and JS.

ADDITIONAL

Badminton & Soccer Enthusiast | Volleyball devotee | Avid F1 aficionado | Gamer nerd