

# Sabiq Sabry

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## EDUCATION

**Asia Pacific University of Technology & Innovation (APU)**

Kuala Lumpur, Malaysia

**Faculty of Computing**

Oct 2024 - Oct 2025

Master of Science in Artificial Intelligence

**CGPA: 3.4**

**University of Westminster**

Westminster, London

**Cavendish Campus**

Sep 2018 - Nov 2023

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

**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**

Dandenong South, Australia

*Senior Web Developer (Remote)*

**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**

Colombo, Sri Lanka

*Teaching Assistant (Part Time)*

**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**

Colombo, Sri Lanka

*Senior Web Developer*

**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**

Colombo, Sri Lanka

*Junior Web Developer*

**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

- 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) - [t.ly/7Pkqz](https://t.ly/7Pkqz)
- AlphabetBot – Industrial robot programming project for drawing alphabet letters using precise motion control and trajectory planning (ABB RobotStudio, RAPID) - [t.ly/msECO](https://t.ly/msECO)
- Twitter Sentiment Analysis – Reproducible deep learning comparison of BiLSTM/GRU vs DistilBERT for sentiment classification (Python, PyTorch, HuggingFace) - [t.ly/2DTqT](https://t.ly/2DTqT)
- ONCO (Contributor) – Contributed to an AI-based cancer diagnosis platform using deep learning and ML for prognosis (Flutter, Python, TensorFlow, Flask, Azure) - [t.ly/9zCsw](https://t.ly/9zCsw)
- Text Classification System – NLP tool for sentiment and spam detection (Python, Scikit-learn, Streamlit) - [t.ly/ZaPxS](https://t.ly/ZaPxS)
- BAWT – Behaviour Analysis with Text – NLP-based model to analyze human chat behavior and detect communication patterns (Python, Jupyter, NLP) - [t.ly/l8k-8](https://t.ly/l8k-8)
- Spelling Correction System – Typo correction tool using edit distance and token-level NLP (Python, NLTK) - [t.ly/LTQrd](https://t.ly/LTQrd)
- Budget Buddy – Personal finance tracker with categorized budgets and real-time sync (Flutter, Firebase) - [t.ly/iHETH](https://t.ly/iHETH)
- WeatherAirQuality – Display real-time air quality index and weather data (Swift, Xcode) - [t.ly/Alaez](https://t.ly/Alaez)

- WhatsApp Clone – Real-time chat app with media sharing and authentication (Flutter, Firebase, Socket.io) - [t.ly/mVaz0](https://t.ly/mVaz0).
- Uber Clone – Ride-hailing app with live tracking and user role switching (Flutter) - [t.ly/Sy7\\_B](https://t.ly/Sy7_B).
- Habit Ease – Track daily habits with streaks, reminders, charts, and local storage (Flutter, Hive) - [t.ly/w99jg](https://t.ly/w99jg).
- TikTok Clone – A vertical video scroll app mimicking TikTok's interface with local video assets (Flutter, Dart) - [t.ly/ntqBW](https://t.ly/ntqBW).
- Instagram Clone – A dynamic photo feed, story viewer, and search with the Unsplash API (Flutter, Dart) - [t.ly/QuP5](https://t.ly/QuP5).

## AWARDS

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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 an innovative app idea, 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 just out of pure HTML/CSS and JS.

## ADDITIONAL

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