

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
- AlphabetBot – Industrial robot programming project for drawing alphabet letters using precise motion control and trajectory planning (ABB RobotStudio, RAPID) - t.ly/msECO
- Twitter Sentiment Analysis – Reproducible deep learning comparison of BiLSTM/GRU vs DistilBERT for sentiment classification (Python, PyTorch, HuggingFace) - 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
- Text Classification System – NLP tool for sentiment and spam detection (Python, Scikit-learn, Streamlit) - 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
- Spelling Correction System – Typo correction tool using edit distance and token-level NLP (Python, NLTK) - t.ly/LTQrd
- Budget Buddy – Personal finance tracker with categorized budgets and real-time sync (Flutter, Firebase) - t.ly/iHETH
- WeatherAirQuality – Display real-time air quality index and weather data (Swift, Xcode) - t.ly/Alaez

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

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 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

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