

Sabiq Sabry

sabiqsabry48@gmail.com | [linkedin.com/sabiqsabry](https://www.linkedin.com/sabiqsabry) | Colombo | (+94)71-925-0289 | sabiq.dev



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** 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 an 50% reduction in manual tracking errors.

PROJECTS – [github](https://github.com/sabiqsabry48)

- 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

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| SLIIT Datathon | July 2020 |
| <ul style="list-style-type: none"> • 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 |
| <ul style="list-style-type: none"> • 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