Sultan Insan Geosrinov Muhammad Rifqi

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PROFILE

A hard-working computer science student with years of hands-on experience creating and testing applications for Android and iOS. Since high school, I have made many apps starting from the simplest to the most complex one, such as integrating multiple APIs to build a functional end-to-end app that impacts users positively.

I have a track record of proven leadership, communication, and time management skills when I led my high school's student council, a society and an event. I have also participated in many olympiads in mathematics or informatics, which strengthen my critical thinking and problem-solving skills.

EDUCATION

University College London *London, UK*
BSc Computer Science (expected first-class) *Sep 2021 - Jun 2024*
- **Key Modules:** Algorithms, Object-Oriented Programming, Principle of Programming, Theory of Computation, Mathematics for Computer Scientists.

University of Warwick *Coventry, UK*
International Foundation Programme - Computer Science Pathway *Sep 2020 - Jul 2021*
- **Key Modules:** Pure Mathematics (**A***), Statistics & Further Mathematics (**A***), Computer Science (**A***)

PROJECTS

'Code for Good' Hackathon - JP Morgan Chase *Oct 2022 - Oct 2022*
GitHub Link: https://github.com/blue4sky/DeafblindUK-Web-Platform
- Helped a non-profit organisation, Deafblind UK, create a platform for deaf and blind people to connect, collaborate, and learn.
- Collaboratively developed a full-stack web application using **HTML**, **CSS**, and **JavaScript** as the front-end; **Flask** and **Python** as the back-end; **Amazon EC2** as the server; **MySQL** as the database.
- Features include integrated Google SSO authentication, image magnification on mouse hover, text-to-speech and high contrast mode for accessibility.

'Hack-at-ICE' Hackathon - Serv *Oct 2022 - Oct 2022*
GitHub Link: https://github.com/blue4sky/serv
- Collaboratively developed a full-stack website application to bridge the connection between service providers and vendors to MSMEs in Indonesia using **Next.js** and **Tailwind CSS**.
- Designed a user-friendly website by creating the wireframe of the website with **Figma** to make the development smoother.

'Edspert' Bootcamp - Educational Quiz App *May 2022 - Aug 2022*
GitHub Link: https://github.com/blue4sky/EducationApp
- Independently built an educational app using **MVC Architecture** to support Indonesian high school students preparing for university entrance exams.
- Features include a built-in forum with sending text and photo functionality using **Cloud Firestore**, full-stack development with **Flutter**, push notifications for giving the latest information to students using **Firebase Cloud Messaging**, and integrated SSO Authentication.
- Completed MVP within 8 weeks and tested by fellow Bootcamp students with future plans of public deployment.

ACHIEVEMENTS

- President of The Student Council in Junior High School (2016 - 2017)
- Vice President of The Japanese Club in Senior High School (2018 - 2019)
- Qualified for city-level in four National Mathematics Olympiads in Jakarta, Indonesia (2017-2019)
- Qualified for city-level in a National Informatics Olympiad in Jakarta, Indonesia (2019)
- Winner of city-wide Japanese language contest held by the Governor of Jakarta among 50+ candidates (2019)
- Finalist in the Indonesian Hackathon organised by the Young Indonesian Professionals' Association in the UK (2022)

SKILLS

- **Spoken Languages:** English and Indonesian.
- **Technology Stacks:** Python, Dart (Flutter), Java, Kotlin, Basic Knowledge of C and JavaScript, Firebase, Postman API, and Figma.