

# NAUFAL ABIYYU

Double Degree Bachelor of Computer Science & Artificial Intelligence

B15 2QU, Birmingham, United Kingdom

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## PROFILE

Experienced Web Developer and an avid learner with growing interest in Cyber Security. Efficient, innovative, and creative student keen on gathering experience as a Software Engineer and exerting my full capabilities into real-life projects.

## TOOLS & SKILLS

Tech Stack & Tools: **Next.js, React.js, HTML, CSS, TailwindCSS, Firebase, REST API, Axios API, Python**

Soft Skills: **Critical & Analytical Thinking, Collaborative, Problem Solving, Adaptive, Open Minded**

## WORK EXPERIENCE

❖ [Full-Stack Developer](#) ..... Jun 2023 – Dec 2023  
**KESAN-IDEA** ..... Yogyakarta, Indonesia

Kansei Engineer-based System for Agroindustry (KESAN), was a 6-month research project focused on idea development & creation. KESAN is a platform dedicated to ensure that ideas are not lost or forgotten, as means to boost productivity and creativity, both individually and cumulatively.

Front-End Stack & Tools: **React.js, ChakraUI, Axios API, JavaScript**

Back-End Stack & Tools: **Python, Firebase**

❖ [Front-End Developer](#) ..... Oct 2022 – Dec 2022  
**PEMIRA HIMAKOM** ..... Yogyakarta, Indonesia

PEMIRA was a voting website for the new Head of Computer Science Student Association, HIMAKOM. Efficient program to ensure excellent voting experience for students and was able to handle and process data input by 100+ users without crashing, resulting in successfully concluding the election before the planned announcement date.

Stack & Tools: **Next.js, JavaScript, Axios API, TailwindCSS, CSS, React State Management.**

## RELEVANT PROJECTS

❖ [Portfolio Website for Job Application](#) ..... Apr 2023

Developed a personal information website for an application to a bar, MAKMUR, in Yogyakarta, Indonesia. Implemented a simple aesthetic appeal and ensured web responsiveness.

Stack & Tools: **React.js, CSS**

❖ [Fashion Brand Recreation Website](#) ..... Sep 2022

A skeleton recreation website of Off-White. Completed as an application project for Google Developers Students Club.

Stack & Tools: **Next.js**, **TailwindCSS**, **TypeScript**, **Axios API**

❖ [Prototype Personal Portfolio](#) ..... Jul 2022

Developed a prototype personal website, achieving a simplistic modern interface design. Playground experiment of custom animations. Due to structural issues, the website failed to achieve complete responsiveness.

Stack & Tools: **React.js**, **TailwindCSS**, **Framer Motion**, **JavaScript**

## ORGANIZATION EXPERIENCE

❖ **Hacker (Programmer)** ..... Nov 2022 – Jun 2023

*Google Developers Students Club*

Yogyakarta, Indonesia

- Developed a prototype social media for runners using **Figma**
- Recreated a skeleton fashion brand website using **Next.js**, **TailwindCSS**, and **Axios API**

## EDUCATION

❖ **University of Birmingham** ..... Sep 2023 – Present

*Bachelor of Computer Science & Artificial Intelligence*

Birmingham, United Kingdom

Gained partial scholarship for Double Degree Program from Gadjah Mada University.

Relevant Coursework: Artificial Intelligence 2, Operating Systems & Systems Programming, Security & Networks, Software Engineering & Professional Practice, Team Project AI, Functional Programming (Haskell)

❖ **Gadjah Mada University** ..... Jul 2021 – Present

*Bachelor of Computer Science*

Yogyakarta, Indonesia

Current GPA: 3.58/4.00 (89 Credits)

International Undergraduate Program student participating in a (2y + 2y) Double Degree BSc. Computer Science & Artificial Intelligence in University of Birmingham.

Relevant Coursework: Software Engineering Workshop (Grade: A), UI/UX Front End Development (Grade: A), Organisation & Computer Architecture (Grade: A-), Computer Networks (Grade: A), Machine Learning (Grade: A-), Algorithm & Data Structure (Grade: A/B)

❖ **SABIS International School Ruwais** ..... Jul 2018 – Jun 2021

*High School Diploma of Science*

Abu Dhabi, United Arab Emirates

Final GPA: 95/100

## LANGUAGE

English (Native) ..... Indonesian (Native)