

# NAUFAL ABIYU

Double Degree Computer Science & Artificial Intelligence Student  
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## LINKS

[Portfolio](#) [Github](#) [LinkedIn](#)

## 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.

## 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. Designed with utmost refinement to ensure excellent voting experience and smooth service for Computer Science students. Our platform was efficient and our server was able to handle and process data input by 100+ users without crashing, resulting in successfully concluding the election before the planned announcement date.

Front-End Stack & Tools: **Next.js, JavaScript, Axios API, TailwindCSS, Cascading Style-Sheets, React State Management**.

## 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

❖ **Head of Operations for MAKRAB 2022** ..... Oct 2022 – Jan 2023  
*HIMAKOM (Computer Science Student Association)* Yogyakarta, Indonesia

- Directed the operational division for Computer Science Gathering Night, ensuring minimal functional errors and smooth flow of events for 100+ students.
- Instructed the placement of operational items such as mics, projectors, screens, etc.

❖ **Event Designer** ..... Mar 2022  
*HIMAKOM (Computer Science Student Association)* Yogyakarta, Indonesia

- Successfully led the Design division of Division War, which is an event consisting of various competitions participated by 4 batches.
- Designed event posters, live stream background, etc.

## 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               | • Software Engineering & Professional Practice |
| • Operating Systems & Systems Programming | • Team Project AI                              |
| • Security & Networks                     | • 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: 4.00/4.00) | • Organisation & Computer Architecture (Grade: 3.75/4.00) |
| • UI/UX Front End Development (Grade: 4.00/4.00)   | • Computer Networks (Grade: 4.00/4.00)                    |
|  | • Machine Learning (Grade: 3.75/4.00)                     |
|  | • Algorithm & Data Structure (Grade: 3.50/4.00)           |

❖ **SABIS International School Ruwais** ..... Jul 2018 – Jun 2021  
*High School Diploma of Science* Abu Dhabi, United Arab Emirates

Final GPA: 95/100

Excelled in major scientific subjects.

## 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**

## RELEVANT SKILLS

Next.js	React.js
TailwindCSS	Axios API
Python	MySQL
Firebase	REST API
HTML	CSS

## LANGUAGE

English (Native)	Indonesian (Native)
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