

## Ammar Ash Shiddiq

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Final-year double degree student in Computer Science and Information Technology with 1.5 years of software engineering experience, including direct client communication to understand and meet project needs. Experienced in delivering various projects for real users and clients across multiple industries. Seeking to further develop skills in the Software Engineering field.

### EDUCATION

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**University of Queensland - Australia** 2024 – 2025 (Expected)

Bachelor of Information Technology - Major in Software Information System

- GPA: 6.15/7.0
- Major: Software Information System

**Universitas Indonesia - Indonesia** 2021 – 2025 (Expected)

Bachelor of Computer Science

- Teaching Assistant for Drs. Lim Yohanes Stefanus, M.Math., Ph.D. (Programming Found. II)
- Relevant coursework: Advanced Programming, Algorithms Design & Analysis, Database, Data & Structure Algorithm, Operating System, Platform Based Development, Software Engineering Project

### WORKING EXPERIENCES

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#### Newish Communications - Brisbane

Web Developer - Volunteer Jan 2025 – Present

- Redesigned and developed WordPress websites tailored to client requirements, focusing on SEO optimization, user experience, and effective site flow to enhance performance and usability.
- Collaborated directly with clients to gather requirements, plan website architecture, and deliver customized solutions that align with their goals and expectations.

#### Techflouu - Singapore

Software Engineer - Full Time July 2024 – Present

- Responsible for developing and implementing numerous features for various clients, while engaging in direct communication with clients to discuss and refine their feature requirements.
- Improved feature operation performance by 24% through optimizing business flows

Software Engineer - Intern Feb 2024 – July 2024

- Handled various web and mobile development projects in parallel for different clients and implemented technologies based on specific client needs.
- Improved the time complexity of an existing insert-and-sort algorithm from  $O(n \log n)$  to  $O(n)$

#### Naf Karya Indonesia - Indonesia

Full Stack Developer - Intern Sep 2023 – Nov 2023

- Design and create a web app that allows customers convert their orders into 'Koin' which then can be converted into voucher or discount.
- Developed and maintained back-end & front-end functionalities using MySQL, NodeJS, and ReactJS.

### PROJECTS & CERTIFICATIONS

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#### UQCS Hackathon 2024 1st Place Winner

- Played a key role in ideation, contributing the initial concept, which was refined through group collaboration.
- Effectively managed project pressure by conducting standup meetings every 3 hours and iterating quickly within 44 hours, utilizing short 3 hour sprints.

## **UQuizze**

- Led AI engineering for a Chrome extension designed to enhance UQ students' learning experience by integrating AI-powered tools into the Echo360 video player (UQ lecture recording platform).
- Conducted initial feasibility checks by scraping data and extracting video transcripts from the web.
- Awarded "Best Overall" at the UQCS Hackathon 2024 for innovation and impact on student learning.

## **Revamping Siasisten**

- Redesign 'Siasisten' web application within a 12-person team, employing Agile methodologies over four months
- Contributed on increasing code coverage of a sprint by 85% using ReactJS

## **BTPN Syariah Data Engineer Virtual Internship Experience Program**

- Acquired proficiency in T-SQL, SQL, and MySQL through data engineering tasks.
- Gained practical insights into data processing techniques essential for meeting business objectives, specifically in the context of banking companies.

## **SKILLS**

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**Programming Language:** (Proficient) Python, Java, SQL, Javascript, Kotlin, Dart

**Front-end:** NextJS, ReactJS, TailwindCSS, Bootstrap

**Back-end:** NestJS, Django REST Framework, NodeJS, Passport.js, Spring boot

**Tools:** Git, Figma, Linux, VScode, Android Studio, IntelliJ