

Josua Golden Umboh

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EDUCATION

BINUS University

Bachelor of Computer Science | 3.83/4.00 GPA

Jakarta, Indonesia

Sep 2021 – Mar 2025

EXPERIENCE

Operations Management Officer - Quality and Career Management

Sep 2023 – Feb 2025

BINUS University - Software Laboratory Center

Jakarta, Indonesia

- Managed up to 25 class and examination transactions for 875 students simultaneously to support academic success
- Coordinated diverse regional activities to ensure smooth and high-quality operations across regions, enhancing collaboration and efficiency
- Evaluated and tracked performance KPIs for up to 90 laboratory assistants across different regions, implemented targeted quality improvement initiatives that increased high-performing assistants by 85%, and made key decisions to maintain teaching standards
- Oversaw full operations of the Lab Computing for PPTI BCA, including scheduling, lecturer assignments, student data management, and coordination with the PPTI BCA coordinator to ensure smooth operations

Application Developer

Mar 2024 – Feb 2025

BINUS University - Lab Computing

Jakarta, Indonesia

- Developed comprehensive full-stack web applications aimed at fulfilling the operational requirements of Bina Nusantara University, with a particular focus on the Computer Science department

Software Laboratory Assistant

Sep 2022 – Aug 2023

BINUS University - Software Laboratory Center

Jakarta, Indonesia

- Taught university students a diverse range of software-related courses across a total of 21 classes
- Completed 20+ internal training sessions and qualified to teach 140+ courses, covering 82% of all available course codes in software practicum classes
- Designed practicum quizzes, exams, and project cases for university students, graded submissions, and ensured compliance with the academic standards.
- Completed five self-development projects, focusing on 3D game development, desktop application development with system architecture design, web programming, computer networks, and android application development

PROJECTS

Personal Website | *Next.js, AWS EC2, Apache HTTP, Jenkins*

January 2025

- Developed a responsive and dynamic personal portfolio website using Next.js
- Fully deployed on AWS EC2 with an Apache HTTP server
- Implemented a CI/CD pipeline using Jenkins to automate build and deployment processes

Hirehub | *Golang, Typescript, React, AWS EC2, AWS RDS - PostgreSQL*

December 2024

- Developed a job portal web application connecting companies with students to streamline job postings and career exploration
- Built the backend in Go using clean architecture and a Typescript and React-based frontend
- Used AWS RDS (PostgreSQL) for database management and deployed on AWS EC2

Likey | *Rust, Typescript, React, Internet Computer(ICP)*

May 2024

- Developed a Web3 social networking application on Internet Computer canister
- Built the backend in Rust and the frontend with Typescript and React
- Won 3rd place at the Hackathon 3.0 event organized by Disruptive Indonesia

TECHNICAL SKILLS

Programming Language: Go, Java, Python, Rust, Javascript, Typescript, Kotlin, C, C++, SQL, Swift, C#, PHP

Database: MySQL, PostgreSQL, MongoDB

Cloud: AWS, Firebase

Framework, Library, etc: Nest.js, Next.js, React.js, Laravel, Spring Framework, GraphQL, ASP.NET, Docker, Jenkins, Apache, Nginx,