

NICHOLAS CHANDRA

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EDUCATION

BINUS University

Degree in Computer Science *GPA: 3.85*

Alam Sutera, Tangerang

Sep 2021 - Feb 2025

WORK EXPERIENCE

BINUS University

Subject Coordinator

Alam Sutera, Tangerang

Jan 2024 - Sep 2025

- Responsible for some courses that are taught in BINUS University (Human and Computer Interaction, Object Oriented Analysis & Design, Scientific Computing, Database Technology, Algorithm and Programming).
- Monitor course implementation, provide guidance to assistants, and address academic concerns.
- Supervise and provide guidance to assistants responsible for checking quiz answers to verify their evaluations before finalizing results, and assistants responsible for making practicum exam cases to verify the quality of exam cases before finalizing for the exam case to be used in the next semester.

BINUS University

Laboratory Assistant

Alam Sutera, Tangerang

Feb 2023 - Jan 2024

- Taught 7 classes every semester, made practicum exam cases and marked student's exam results
- Participated in Test Progressive Assistant (TPA) projects, which consists of game development using Unity; desktop application development using Next.js, Electron, and Firebase; web development using ReactJS, Go, and PostgreSQL; mobile application development using Kotlin; network administration with Ubuntu, Proxmox, Kubernetes, and Cisco Packet Tracer.

BINUS University

Part-time Laboratory Assistant

Alam Sutera, Tangerang

Sep 2022 - Feb 2023

- Taught 5 classes for one semester, made practicum exam cases and marked student's exam results

Freelancing

Full-stack Developer, DevOps Developer, Shopify Developer, Bubble Developer

Pluit, North Jakarta

May 2024 - Present

- Developed, tested, and deployed websites and applications both independently and as part of a team which consists of a korean learning e-commerce app using Bubble.io; a real estate internal app using React Native, ExpressJS, MySQL, and Docker; a heavily customized Shopify e-commerce website for a kitchenware manufacturer using Liquid, CSS, JS; a backend for internal e-commerce product and sales analysis website using PHP.

SKILLS

Soft Skills:	Teamwork, Communication, Leadership, Problem Solving, Public Speaking
Programming Languages:	Python, Java, TypeScript, JavaScript, Go, PHP, C, C++, C#, Kotlin, Motoko
Frameworks:	ReactJS, NextJS, Tailwind CSS, ExpressJS, GraphQL, React Native, Laravel
Databases:	MySQL, Firebase, PostgreSQL, SQL Server

PROJECTS

Official Franke Store *Liquid, CSS, JavaScript, Shopify GraphQL* <https://frankehomesolutionssg.store/>

A kitchenware e-commerce website developed for Franke Singapore using Shopify by making a heavily customized Shopify theme which requires numerous modifications to the theme's source code.

Sarang Bubble.io, JavaScript, Google Sheets API, Telegram API

<https://sarang.community/>

A website that helps users learn korean developed for Flip-ers using Bubble.io by utilizing JavaScript to integrate the app with PayVerse payment gateway, along with utilizing Bubble.io's database and API Connector to integrate API's such as Google Sheets API for transaction reports and Telegram API.

Harmony Realty *React Native, Tailwind CSS, ExpressJS, Docker, WhatsApp API*

A real-estate focused mobile application compatible for both android and iOS users used for internal purposes developed for Harmony Realty using React Native, Tailwind CSS, ExpressJS, Docker for deploying the back-end server, and WhatsApp API for integration with the application's live chat.

GitBee *NextJS, ExpressJS, Prisma ORM, MySQL*

<https://gitbee.apps.binus.ac.id/>

A website for my thesis to showcase the work of students from BINUS University School of Computer Science, which involves the students, lecturers, Subject & Content Coordinators and Head of Programs.