MUHAMMAD WILDAN AZIZ

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ABOUT ME

A hardworking and self-motivated Computer Science graduate. I'm currently looking for a software development position. Experienced in programming, algorithms, and data structures. Bringing forth positive attitude, abilities, and willingness to achieve success. Able to work independently and in a team-oriented work.

WORK EXPERIENCE

Mobile Application Developer Intern
Trukita**,** Jakarta | July 2018 – September 2018
- Developed and maintained code for a cross-platform mobile application.
- Worked with a variety of platforms, frameworks, and libraries such as Node.js, Expo, React Native, Redux, Axios, etc.
- Wrote modern, performant, and robust code of JavaScript (ES6).
- Engineered minor and major features for the application such as profile, file content uploading, etc.
- Tested the application in various devices to ensure the compatibility and responsiveness.
- Collaborated closely with teams of engineers and designers on a daily basis.

FEATURED PROJECTS

Multi-layer GCN on Facebook Large Page-Page Network Dataset
- Built a powerful neural network model for machine learning that operates on a Facebook network graph in Python.
- Trained, tweaked parameters, and evaluated the GCN model to correctly predict the class of nodes.
- Visualized node embeddings and made analyses regarding the nodes and their neighbourhoods.

Personal Portfolio (https://www.wildanazz.com)
- Built a personal web application in TypeScript and Tailwind CSS using React.js framework (Next.js).
- Utilized REST APIs to fetch relevant resources.
- Containerized the application with Docker and running it on Linux VM on cloud platform.
- Developed a CI/CD pipeline using GitHub Actions and configured Nginx reverse proxy on the VM.

Video Hosting Platform for Educational Institution (Microservice Architecture)
- Built a web application for students to upload and share their video assignments.
- Wrote the frontend application in TypeScript and Tailwind CSS using React.js framework (Next.js).
- Wrote the backend services in C# (ASP.NET).
- Utilized AWS S3, MongoDB, and Redis for storage.
- Developed a CI/CD pipeline using Jenkins and implemented API gateway with Nginx.

EDUCATIONS

Bachelor of Science in Computer Science	**Bachelor of Science in Computer Science**
The University of Queensland	University of Indonesia
Brisbane, Queensland, Australia	Depok, West Java, Indonesia
February 2020 – May 2023	July 2016 – May 2023

SKILLS

Operating Systems: Linux/Unix & Windows.
Programming Languages: Python, JavaScript/Typescript, C#, & Java.
Libraries and Frameworks: React, React Native, NextJS, Redux, Pandas, NumPy, Scikit-learn, TensorFlow, Keras, Express, Django, ASP.NET, & Spring.
Tools & Platforms: Git, CI/CD, Docker, Kubernetes.
Database Management Systems: MySQL, PostgreSQL, MongoDB, & Redis.
Cloud: AWS, DigitalOcean, & GCP.