

Nelson Jonathan

FullStack Web & Mobile Developer | Computer Science Binus University

Eager to learn and technology-driven engineer with 2 years professional experience building web and mobile applications prioritizing user experience and requirements whilst optimizing system and cost efficiency. Proven versatility in learning and adopting new tech stacks, designing complex system logic and adhering to industry and company best practices. Well-versed in Angular, NodeJs, npm, javascript/typescript and Flutter.

Education & Student Organization

Bachelors - Computer Science
Bina Nusantara University
Jakarta, Indonesia | 2022 - 2026
GPA: 3.72

Student Organizations:

- **Bina Nusantara Computer Club - Frontend Developer for the organizations largest event: Technoscape.**
- **Google Developer Student Club - Product & Curriculum Core Team**

SKILLS

Proficient

- Angular
- JavaScript / Typescript (NodeJs, Express, NPM)
- PostgreSQL
- Flutter
- Laravel Backend
- Gitlab CI/CD
- CSS: Bootstrap, Tailwind

Familiar

- Kotlin
- Android XML
- AWS
- Go
- C / C++
- Java

Work Experience

Programmer - FullStack Web & Mobile Developer

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Mar 2024 - Present

- Collaborated with another developer and 1 analyst to design and build a web-based budgeting app for our clients from scratch to streamline budget management. Including designing a relational DBMS to ensure efficient and orderly data storage, constructing the logic for monthly allocations, role-access control and multi-level approval of the budget based on user role
- Migrating and building a learning management system from existing web applications into our mobile app using Flutter. Involving the use of web sockets
- Built a custom virtual keyboard with native code for quiz-taking purposes
- Debugging and testing existing software to fix bugs or improve speed and efficiency specifically regarding query speed and overall code efficiency

Associate Member - FullStack Web & Mobile Developer

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Mar 2023 - Feb 2024

- Worked with 3 other engineers to build a content management system primarily with Angular, AWS and Node JS.
- Built various HTTP and Rest APIs within both microservice and monolithic architecture using Node Typescript and Laravel PHP
- Part of the team that developed the first mobile app for Sokrates using Flutter and GetX for state management helping to increase student, parent and teacher engagement and satisfaction.
- Experience querying from AWS DynamoDB

Projects

Daily Gold Price Web Scrap

Using Go and third-party libraries to get Antam's daily gold price

MySQL CRUD operations in Go

Using Gorm and Xampp, I built a CRUD application in Go, utilizing various Go data types and features



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