Nguyễn Văn Biên (Ben)

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Almost 4 years in **Flutter** development and **6 months** in **Go** backend, specializing in crafting high-quality, efficient, and maintainable code. Programming since age 14, with a proven track record of excellence demonstrated through awards in competitive programming and mathematics. Graduated from Bach Khoa University - VNU. Passionate about solving complex problems and delivering exceptional software solutions.

SKILLS

Mobile: Dart/Flutter, Java, Kotlin, Firebase, State management (BloC/GetX), Dependency injection

Backend: Go, Rest API, SQL, NoSQL, AWS, Azure

Other skills: Problem solving, Data structure & Algorithms, MVC/MVP/MVVM, Clean architecture

WORK EXPERIENCE

Software Engineer   **Apr 2024 - Present**
Relia Software   **Vietnam**
  - Developed a Flutter project from scratch, received requirements directly from the customer and succesfully delivered the first version within the deadline, **achieving a 90% client satisfaction rate** and **£1.15M in Seed Funding**.
  - Developed new features & maintained a Flutter project under leadership, working on complex UI components, reducing UI-related bugs by **30%** through efficient state management.
  - Developed new backend features using Go, optimizing database queries and improving API response times.

Mobile Developer   **Jan 2023 - Mar 2024**
Viettel   **Vietnam**
  - Engineered tailored solutions for corporate clients, including E-Office File Management System and Distributed Management Systems.
  - Collaborated across multiple departments to develop and maintain software products.
  - Contributed to team growth by sharing knowledges via workshops.
  - Acheived **Top 3** Viettel Code Challenge Hackathon.

Junior Mobile Developer   **Jul 2021 - Dec 2022**
TiSoHa Software Solutions   **Vietnam**
  - Collaborated on multiple projects and engaged with international clients, effectively gathered requirements and delivered high-quality solutions tailored to customers' needs.
  - Deployed and managed mobile applications on Google Play & App Store, ensuring compliance with platform guidelines and optimizing app performance.
  - Recognized as **Employee of the Month (Sep 2022)** for outstanding performance, dedication, and problem-solving skills.

EDUCATION

Bachelor of Engineering, Computer Science   **Sep 2018 - Nov 2022**
Bach Khoa University - Vietnam National University
  - Earned some prizes in Programming competitives.
  - Showed up on a newspaper: https://baobinhphuoc.com.vn/news/28/140584/ban-linh-gen-z-binh-phuoc

Student - Math Biology   **Sep 2015 - Jun 2018**
Quang Trung High School For The Gifted
  Earned multiple prizes in Programming and Math competitives.

PROJECTS

PeopleCoral ⧉   **Dec 2024 - Present**
  - **PeopleCoral – Organizational Design Platform**: A comprehensive platform that streamlines global payroll management and organizational design. It enables businesses to efficiently handle employee salaries, compliance, and structural changes across multiple countries.
  - Fully developed "Chat" feature with ability of creating multiple-users chat group or 1-on-1 chat by Go and **Azure** Table Storage.
  - Developed additional features, including payroll mutation and reporting.

Dote Baby ⧉   **Jun 2024 - Present**
  - **Dote – AI-Powered Smart Baby Monitoring & Travel System**: An integrated AI-powered baby monitor, mobile app, and travel system that provides real-time insights on infant comfort, sleep, and development.
  - Developed the Flutter project from scratch, receiving requirements directly from the customer and delivering the first functional version within the project timeline.
  - Initialized Flutter source code with best practices, including flavors, Firebase push notifications, state management, dependency injection, error handling, and RESTful API integration using Dio, **reducing app crashes by 50%**.
  - Transitioned into a **Go Backend fresher** role, developing the "Dote AI" feature for both Flutter & Go using **AWS Bedrock**, improving AI-driven infant monitoring **accuracy by 30%**.
  - Maintained & resolved backend issues in Go, leading to a **20% reduction in reported bugs** and improved system stability.

Package unit_tree_flutter ⧉   **Jul 2023 - Present**

- Developed **unit_tree_flutter**, a highly customizable Flutter package for tree UI components that prioritizes **tree data structures and algorithms**.
- Supports 8 built-in variants, including stack/expanded widgets, multiple/single choice, and eager/lazy loading.
- Optimized for performance, leveraging efficient tree data structures and lazy loading.
- Enables limitless UI customization while maintaining structured logic and flexibility.
- Open-source with clear documentation, making it easy for developers to modify and extend.
- Achieved **2.1K+ downloads** across <u>all versions</u>.

vOffice 4.0 ⬈   **Apr 2023 - Present**
- **vOffice 4.0 – E-Office Management System** A multi-platform e-document and task management system designed to digitize office operations and reduce paperwork for organizations, enterprises, and government agencies.
- Implemented the "Draw & Sign Directly in PDF" feature by integrating native views (Kotlin & Swift) into Flutter, handling complex mathematical calculations for shape transformations. This **improved digital signing efficiency by 40%**, reducing manual paperwork.
- Developed the "Calendar" module using GetX and Clean architecture, enhancing task scheduling and organization. This feature **increased user engagement in calendar-based task management by 30%**.

SiChain for demo   **Jun 2022 - Present**
- **SiChain** is a mobile demo application that tracks agricultural products in real time and can scan a QR code or read an NFC tag in Vietnam.
- Designed and implemented the UI, ensuring a seamless user experience and efficient state management.
- Analyzed and refined additional customer requirements, proactively identifying improvements to enhance functionality.
- Integrated and optimized third-party plugins for QR code scanning and NFC tag reading, improving scanning accuracy and speed.
- Developed and maintained a fake real-time product status update system using Firebase Notifications.

ORGANIZATIONAL & VOLUNTEER EXPERIENCE

Flutter Contributor   **Jan 2023 - Present**
Google   **Global**
- Published open-source Flutter packages with **2.2K downloads**: https://pub.dev/publishers/nvbien.site/packages
- Contributed to the Flutter documentation.

Individual Contributor   **Sep 2022 - Present**
Stack Overflow   **Global**
Achieved **1000+ reputation**: https://stackoverflow.com/users/19992458

Technical Writer   **Mar 2022 - Present**
Medium   **Global**
Achieved **2K+ views**: https://medium.com/@nvbien

Technical Writer   **Feb 2022 - Present**
Viblo   **Vietnam**
Achieved **8K+ views**: https://viblo.asia/u/nvbien

Top Contributor   **Jan 2022 - Present**
Flutter Vietnam group   **Vietnam**
Top Contributor @ Flutter Vietnam group (biggest group about Flutter in Vietnam).

LANGUAGES

Vietnamese (Native proficiency) • **English** (Full professional proficiency)

AWARDS

HackerRank
6 stars (MAX) at Problem Solving: https://www.hackerrank.com/nvbien2000

3rd prize of the university's algorithm contest by **Bach Khoa University - VNU**   **Jan 2019**
Gold & Bronze medals at the Olympic Games 30/4 by **HCMC, Southern region**   **Apr 2016**
Multiple prizes about Programming and Mathematics by **Junior High School & High School**   **Jan 2015**
  https://github.com/nvbien2000/proofs-that-Im-good-at-DSA

REFERENCES

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