
Johanes Peter Vincentius | Full-Stack Software Engineer

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[Github](#) • [LinkedIn](#) • [Portfolio](#)

Education

BINA NUSANTARA UNIVERSITY

Jakarta, Indonesia

Bachelor of Computer Science Degree (GPA 3.72)

Experience

Farmio

Remote, Singapore

Software Engineer

Nov 2023 – Nov 2024

- Built Agent Portal with secure auth (**Next.js** + **Express.js**): login, encryption, recovery.
- Refactored checkout flow to move pricing logic to backend, ensuring price integrity.
- Reorganized Redux states and TypeScript typings to improve modularity, readability, and scalability.
- Fixed duplication and inconsistencies across 3 role-based platforms: supplier, retailer, and admin.
- Standardized translation keys and resolved spreadsheet-based i18n issues to minimize key collisions.
- Reviewed PRs to improve code quality and reduce development cycle time.
- Built reusable UI components and implemented UUID generation using **nanoid**.

Bina Nusantara University

Jakarta, Indonesia

Database Administrator at Software Laboratory Center

Sep 2022 – Feb 2024

- Maintained a large-scale practicum database supporting ~20,000 students/semester.
- Maintained an ASP.NET web app used by 161 staff.
- Developed a full-stack web app using **Next.js** and **Nest.js** for internal operations.

Bina Nusantara University

Jakarta, Indonesia

Full Stack Developer Intern at Knowledge System

Sep 2022 – Feb 2023

- Built new features for a Vue.js + ASP.NET web app used by 5,293 users.
- Designed and implemented the **Monthly Evaluation** feature to support 179 ongoing projects.
- Created a dashboard with 8 visual components using Chart.js, Vue.js, and SQL Server.

Bina Nusantara University

Jakarta, Indonesia

Teaching Assistant at Software Laboratory Center

Sep 2020 – Sep 2022

- Delivered 40+ classes across 18 programming subjects, mentoring ~1,770 students.
- Completed projects in game, desktop, web, mobile, and network domains.
- Twice in a row awarded **Best Research in Group** for mobile and web-based internal tools.

Projects

MyUtang - [GitHub](#)

- Developed a GraphQL API using Apollo Server for secure debt tracking between users.

PracticumExamApps - [GitHub](#)

- Constructed a dynamic website using Blazor, enabling users to participate in exams based on a carefully curated set of questions.

Skills

Languages: JavaScript, TypeScript, C#, Java, C++, Python, Go, Dart, Kotlin, PHP

Frameworks: Next.js, Express.js, Nest.js, Vue.js, Nuxt.js, ASP.NET, Blazor, Angular, Laravel, Apollo Server

Achievements

- 2023, Selected as 1 of 40 participants (from 4,900) in [Tokopedia Devcamp](#)
- 2022, Earned **AWS Cloud Practitioner** & completed **Cloud Practitioner Essentials** and **Backend Basics** courses (Dicoding)