WAHYUDI INDRA PRAKOSO

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I am a Backend Engineer who is experienced in designing and implementing server-side applications (scalable and efficient) with more than 5 years professional experience. I eager to learn new technologies and has a deep interest in the end-to-end software development process.

SKILLS

- Languages: Typescript, Javascript, PHP, SQL, Java, C++
- Technologies: NodeJs, NestJs, RESTful API, Docker, GraphQL, Laravel, React/Vue
- Others: Git, PrismaJs, Microservices, Firebase, Payment Gateway

EDUCATION

Universitas Negeri Malang, Indonesia   **2014 - 2018**

- Bachelor of Arts - BA, Informatics Education

EXPERIENCES

Backend Engineer, PT. Docheck Bagi Indonesia   **July 2023 - Present**

PT. Docheck Bagi Indonesia is a startup focused on a mental health platform, featuring services such as counseling (B2B and B2C), mock interview, resume review, job portal, and assessment test. I managed the entire backend (APIs for B2B and B2C) using restful API communication.

- Proposed a framework change from strapi.io (headless CMS) to NestJs (dependency injection and modularization). After the change, there was a 3x increase in engineering productivity, scalability, and maintainability.
- Designed and implemented ERD based on the Product Requirement Document.
- Implemented backend business processes while working closely with the Head of Product, Project Manager, and Engineering Team.
- Successfully delivered the product for the partnership with Pertamina batch 1, with a strong possibility of continued collaboration.

Backend Engineer, Glovory Technologies   **Maret 2022 - May 2023**

Glovory Technologies is a end-to-end digital product agencies headquartered in Riyadh, Saudi Arabia.

- Help PM for decide on timeline development for projects.
- Implemented backend business process while working closely with Analyst and Engineering Team.
- Review code from a other Backend Engineer.
- Manage deployment microservices on server staging.

Backend Engineer, Degetek Studio   **Oct 2019 - Nov 2021**

Degetek Studio is a software company that focuses on delivering tech-based solutions for education and business.

- Implemented and improving ERD given by Tech Lead to the PostgreSQL using Prisma.
- Implemented backend business process while working closely with Tech Lead, Frontend Engineer, and PM.
- Created API documentation (Postman, Insomnia, and Rest client).
- Help Frontend Engineer integrating the backend system.

Internship, Elecomp Software House   **May - Aug 2017**

- Develop a company profile using CodeIgniter.
- Integrating the new platform (website) using the database on the old platform (desktop).

PROJECTS

Wool Websites (wool.id)   **July 2023 - Present**

Wool (We Open Our Lives) Websites that focus on improving the mental health of Millennials and Generation Z.
Tech stack: NestJS, PrismaJS, PostgreSQL, Midtrans, Twilio, Cloudinary, Firebase, Swagger

Maxima Apps and Websites   **October 2022 - Sep 2023**

Laboratory Management System that makes it easy for patients to choose the type of examination or check up anytime and anywhere. This project must be in sync with existing desktop apps.
Tech stack: NestJS, PrismaJS, MariaDB

Hotel Management System   **May 2022 - January 2023**

Property Management System that assist hotel owners to manage units and reservation system, which aims to simplify administrative processes and helps officials to monitor the important details such as level of services improvement, increased revenue, and cost reduction.
Tech stack: NestJS, PrismaJS, Appwrite, PostgreSQL, NoSQL

Ace Diary Apps   **2021**

Android Based Counseling Application that assist Universitas Negeri Malang to facilitate Counseling Guideance for the student.
Tech stack: NestJS, PrismaJS, PostgreSQL

Kemitraan Negara Berkembang Scholarship (knb.kemdikbud.go.id)   **2020 - 2021**

Popularly known as KNB Scholarship, is a program offered by the Indonesian Government to prospective international students coming from developing countries to pursue their master's degree in one of the Indonesian universities.
Tech stack: NestJS, PrismaJS, PostgreSQL

Robopem Apps and Websites (robopem.com)   **2020**

Android Based Interactive media that have various multimedia content helps students learn about Fuel Cell. The Robopem Websites is used for the teacher to monitor the learning activities of the student such a view the courses, manage the classroom member, and view the result of student quiz.
Tech stack: NestJS, PrismaJS, PostgreSQL

C2G E-Commerce   **2020**

Online selling and buying platform with C2G (Client to Government) System. There are negotiation feature, payment system that integrated with Midtrans, discount system and stock management.
Tech stack: VueJS, Laravel, InertiaJS, MySQL