

Wisnu Putra

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github.com/W-ptra | Jakarta, Indonesia

Passionate in software engineering with more than 5 project successfully build. Have ability to adapt and learn new things on new development environments in short time and work well on cross functional team. Proficient in backend development using various programming languages, framework, and databases. Capable of translating business requirements and needs into real product with high standards where end user can use it directly.

Education Level

Bina Nusantara University – Jakarta, Indonesia <i>Bachelor Degree in Computer Science, 3.79/4.00</i>	Sep 2022 - Sep 2026 (Expected)
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Organization

UREEKA BINUS – Jakarta, Indonesia Software Development Community at Bina Nusantara University <i>Member</i>	Apr 2024 – Present
<ul style="list-style-type: none">Actively participate in software development training that UREEKA provides and form a team to join various software development competitions.	
Cyber Security Community – Jakarta, Indonesia Student Activity Unit to learn together, share knowledge and experiences about Cyber Security. <i>Head of Regional Campus Alam Sutra</i>	Feb 2024 - Present
<ul style="list-style-type: none">Play a crucial role in leading and coordinating activities in Campus Alam Sutra. Being person in charge (PIC) of CSC's event, being host in event, etc.	
<i>Activist of Education</i>	Jan 2023 – Feb 2024
<ul style="list-style-type: none">Focusing on increasing the public awareness about cybersecurity (Phishing, Malware, Scam, Hacking, etc.) through educational video, that I and my team produced.	
<i>Member</i>	Sep 2022 – Jan 2023
<ul style="list-style-type: none">Actively participate in learning sessions, workshops, and discussions related to cybersecurity. With this, I am very concerned about developing secure software.	

Skills

C/C++ | JavaScript | Java | Python | Golang | SQL | C# | Nodejs | Express | ASP.NET | MongoDB | Docker | AWS | GCP | Alibaba Cloud

Achievement

1st Digital Empowerment Track at Hackjakarta 2024 <i>Held by Angelhack and GRAB</i> My team and I developed Nutrition grade (A, B, C, D, E) features for GRAB Food using Generative AI (Google Gemini) by inputting food/beverage name and ingredients. Raising the public awareness for consuming more healthy food with less sugar, cholesterol, etc.	Jul 2024
20th AI For Accessibility Hackathon 2024 <i>Held by Bina Nusantara University and Microsoft</i> My team and I developed a web based mobile app for visually impaired people ("Tuna Netra") to be able to confidently travel by themselves using Microsoft Azure AI features: Computer Vision, Translator, and Speech Service.	Jun 2024

Projects

GrabFood Nutri-Score (Helathy) JavaScript, Nodejs, Express, PostgreSQL, Google Gemini, Docker Derived from the issue of health problems caused by food consumption (Heart dieses, Stroke, Diabetes, and many more), this project proposes a solution by creating Nutrition Grade (A, B, C, D, E) features on GRAB Food. And to be able to get the Nutrition Grade done, this project harnesses the power of generative AI (Gemini AI) by generating Nutrition Grade based on food/beverage name and ingredients
Second Chance JavaScript, Nodejs, Express, MySQL, Docker Web based application for ex-convict ("mantan narapinada") to prove they have changes thru several activity done at the app including doing course, volunteering or community service, and write a journal. Each activity will give point, which later can be used to apply for job offer ex: waiter or cooks at restaurant.

- **Two_Factor_Authentication** | Golang, PostgreSQL, Redis

Login and Register system integrated with two factor authentication (Password and Email), where user is required to input the 4-digit OTP code sent by system to their email which will be expired in 4 minutes. This project uses Golang net/http standard library of version 1.22, PostgreSQL, Redis, and Resend for email notification.

- **GymMe** | C#, ASP.NET, Microsoft SQL Server

A web-based online health and supplement selling application. Created using C# and ASP.NET framework with SQL Server database. Implementing Domain-Driven Design (DDD) approach, this project consists of 7 layers: Views, Controller, Web Service, Handler, Factory, Repository, and Model.

- **SafeSight** | JavaScript, Nodejs, Express, Microsoft Azure, Computer Vision, Translator, Speech Service, Docker

Mobile Web Based app created to help visually impaired people to be able detect objects and recognize text from far ahead or area that can't be reach using white cane (upper body). Utilizing Microsoft Azure features such as Computer Vision, Translator, and Speech Service. Everything will be conveyed verbally using text to speech.

- **Hate Speech Censor Discord Bot Using Text Classification BERT Model** | Python, PyTorch, Hugging Face, Discord bot API

Discord bot integrated with Transformer base model BERT trained on 726,120 Text sample with 90.22% accuracy, 90.24% precision, 90.21% recall, and 90.21% f1 score. Any user message on discord server's channel that is classified as hate speech will be deleted.

- **URL Shortener** | JavaScript, Nodejs, Express, MySQL

A simple URL shortener web by hashing the original url using md5 algorithm then took the first 5 letter and store it on MySQL database.

- **Wattwise** | JavaScript, Nodejs, Express, Embedded JavaScript (EJS), Bootstrap, Nginx, Docker

A web-based electricity calculator that can help you calculate the amount of electricity used in your home, sum the bills by the time (day, week, and month), and predict how long it will take for your electricity tokens to run out (in day), which will be visualized in graph.