

NATANAEL EDWARD AGUNG

+6282253459940 | natanaeledward22@gmail.com | www.linkedin.com/in/natanaeledward | natanaeledward.github.io
Yogyakarta, Indonesia

I am a fresh graduate in Informatics from Immanuel Christian University with a strong passion for fullstack and backend development. I have hands-on experience using Laravel, Django, and React, as well as expertise in Cloud Computing (Google Cloud Platform) through the Bangkit Academy program by Google, GoTo, and Traveloka.

Education

Universitas Kristen Immanuel - Yogyakarta, Indonesia <i>Bachelor of Informatics, 3.72/4.00</i> <ul style="list-style-type: none">Assistant Lecturer Of English Informatics 2023Mentor, Programming Study 2022-2023Member, Fun English Club 2022	Aug 2021 - Aug 2025
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Experiences & Projects

Bangkit Academy 2024 By Google, GoTo, Traveloka <i>Cloud Computing Cohort & Capstone Project (HerbaGuide)</i> <ul style="list-style-type: none">Completed national Cloud Computing program focusing on backend and GCP services.Designed and deployed FastAPI backend on Cloud Run, integrated with Firestore and Cloud Storage.Collaborated with ML and mobile teams to deliver the HerbaGuide herbal plant recognition app.	Feb 2024 - Jul 2024
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Sensasi Scholarship Platform <i>Web Developer (Laravel)</i> <ul style="list-style-type: none">Developed a scholarship management platform for Yayasan Obor Emas Indonesia.Contributed to backend and frontend development for student registration, form submission, and admin dashboards.Enhanced data validation, reducing input errors and improving reliability for scholarship applications.	Nov 2023 - Feb 2024
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Universitas Kristen Immanuel - Yogyakarta, Indonesia <i>Backend Programmer - Restaurant System Project</i> <ul style="list-style-type: none">Developed a Django-based system with SQLite3, handling CRUD for menus/transactions and role-based auth for 3 user types.Built authentication, authorization, and error handling for Admin, Cashier, and Customer roles.Improved efficiency by implementing PDF reporting, reducing manual admin work by ~70% in simulations.	Jun 2023 - Dec 2023
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Hospital Efficiency Forecasting using LSTM <i>Thesis Project</i> <ul style="list-style-type: none">Developed LSTM-based forecasting models to analyze hospital efficiency indicators (BOR, AVLOS, TOI, BTO, GDR, NDR).Implemented multi-step LSTM architectures, achieving ~75% predictive accuracy.Designed preprocessing pipelines (smoothing, normalization) and visualized results using Matplotlib and Seaborn.	Aug 2024 - Jul 2025
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Organisational Experience

Programming Study Club <i>Mentor</i> <p>Programming Study Club is one of the Student Activity Units at Immanuel Christian University that focuses on students with an interest in programming.</p> <ul style="list-style-type: none">Taught Python programming fundamentals to 30+ students.Contributed to improving the club's technical workshops and collaborative learning environment.	Jul 2022 - Mar 2023
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Skills, Achievements & Other Experience

<ul style="list-style-type: none">Achievements 🏆 (2022): Achieved 1st Place in the Programming Competition Cre A Science 8.0 at Immanuel Christian University.Hard Skills 🛠️: Laravel, Django, React, Flask, Node.js, REST API, Git, MySQL, PostgreSQL, Firebase, Google Cloud Platform (Cloud Run, Firestore, App Engine), Docker, Python, PHP, Java, JavaScript, SQL, HTML, CSSSoft Skills: Leadership, Communication, Collaborative Team Player, Adaptive, Critical Thinking, Strong Analytical Skills, Able to Work Under Pressure.	
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