Yehezkiel David Setiawan

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Yehezkiel David S. | LinkedIn - Yehezkiel David S. | Github - https://yehezkiel.netlify.app/

OBJECTIVE

Highly motivated informatics engineering student passionate about advancing technology through Generative AI, natural language processing, and data analytics. With expertise in designing robust backend systems, I focus on creating high-impact applications that solve complex challenges. My portfolio reflects a blend of creativity and technical skills, showcasing my ability to build innovative systems and leverage AI-driven insights. Driven by excellence, I seek dynamic opportunities that foster growth, inspire innovation, and contribute to forward-thinking teams.

EDUCATION

MARANATHA CHRISTIAN UNIVERSITY
Bandung, Indonesia

Bachelor of Science: Computer Science   2021 - 2025
- GPA : 3.96/4.00

WORK EXPERIENCE

WIT.ID
Bandung, Indonesia

INTERNSHIP – FULLSTACK   09/23 – 06/24

Expertise : Golang & Laravel
- Migration from Golang to Laravel
- Rebuild WIT internal system (WSystem) with microservices (REST API)
- Add several features (attendance system, employee leave request system, automatic curicullum vitae system, inventory management system, and project management system)
- Creating of Project Management System (1:1 Trello)
- Became the Head of Backend for all backend interns

Maranatha Christian University
Bandung, Indonesia

LABORATORIUM STAFF

Coordinator   01/24 – 02/25
- Ensure 150 computer labs function properly and regularly.
- Checking and maintaining existing hardware and software, as well as ensuring the availability of necessary equipment.
- Ensure safe and ethical use, manage access and restrictions, and maintain data security and privacy.
- Became the Head of Advanced 1&2 Laboratory and Networking Laboratory room.

Staff   01/23 – 01/24
- Ensure 150 computer labs function properly and regularly.

LECTURER ASSISTANCE

Big Data & Data Analytics	09/24 – 01/25
Computer Graphic	09/24 – 01/25
Advanced Database	02/23 – 01/25
Basic Web Programming	09/22 – 01/25
Machine Learning	02/24 – 06/24
Advanced Web Programming	02/24 – 06/24
Introduction to Programming	02/24 – 06/24
Computer Network	09/22 – 01/24

ORGANIZATION EXPERIENCE

WIT.ID   Bandung, Indonesia
MORPH IT DIGIFORM FEST   08/24 – 11/24
Head Organizer

Maranatha Christian University   Bandung, Indonesia
FACULTY STUDENT SENATE   02/23 – 12/23
President
- Manage 16 programs of student activities in the Faculty
- Lead, coordinate, control and monitor the implementation of policies and programs in each field.
- Representing SEMAFIT in external relations or with other parties. Collaborating with Google Developer Group, IBM, Red Hat, Amazon Web Services, WIT.ID, IT BCA, CTI Corporation.

Google Developer Group   Bandung, Indonesia
GOOGLE DEVFEST   12/23
Person in Charge of the University

IEEE   Bandung, Indonesia
ICE-SMARTECH   06/23
VIP usher & Parallel Session Organizer

PUBLICATION

IEEE ICALT 2025
Web-based Similarity Detector for Identifying Programming Plagiarism

Publisher	: IEEE International Conference on Advanced Learning Technologies (Changhua, Taiwan)
Track	: Technology-Enhanced Technology-enhanced Assessment in Formal and Informal Education (TeASSESS)
Paper	: Camera Ready Version

ICSTHE 2024
ParkSphere: Smart Mobility Solution for Sustainable Urban Parking and Carbon Emission Reduction in the Framework of Inclusive Smart Cities

Publisher	: T.B.A
Certificate	: Author & Speaker
Paper	: Camera Ready Version

JAIC 2024

ChatGPT Impact Analysis on API Testing: A Controlled Experiment

Publisher : Journal of Applied Informatics and Computing (Politeknik Negeri Batam) Vol. 8 No. 2 (2024)
DOI : doi.org/10.30871/jaic.v8i2.8182

KONSTELASI 2024

Transformasi Ekosistem Digital melalui Implementasi Super App untuk Meningkatkan Administrasi Kantor

Publisher : KONSTELASI (Atma Jaya University Yogyakarta) Vol. 4 No. 1 (2024)
DOI : doi.org/10.24002/konstelasi.v4i1.9179

IEEE TALE 2023

Plagiarism and AI Assistance Misuse in Web Programming: Unfair Benefits and Characteristics

Publisher : IEEE International Conference on Teaching, Assessment and Learning for Engineering (Auckland, New Zealand)
ISBN : 978-1-6654-5331-8
DOI : doi.org/10.1109/TALE56641.2023.10398397

PROJECT

SSTRANGE
Scalable Similarity Tracker in Academia with Natural Language Explanation
Fullstack Web Dev & Generative AI Implementation   01/25
Bachelor's Thesis in Informatics Engineering

Natural Language Processing Project
Parksphere   01/25
Final Assignment Natural Language Processing

Backend Web Project
Perwalian   06/23
Final Assignment Advanced Web Programming
github/ProjectUASPWL

ACHIEVEMENT

Fullstack Web Competition
Green Mobility Hub   08/24
Web Development   Satya Wacana Christian University
1st Place
Web application that offers comprehensive solutions to enhance energy efficiency and urban planning. The Green Mobility Hub functions as an integrative point for encouraging societal behavior changes towards a cleaner and greener urban lifestyle.
github/GreenMobilityHub (Backend) and github/GreenMobilityHub-Admin (Frontend)

UnivAssist   08/23
Web Development   Satya Wacana Christian University
[4th Place](#)
Web application that offers rental services for boarding houses, laptops and lecture books as a very meaningful solution for students. This website was built in just 12 hours
[github/UnivAssist](#)

Business Plan Competition
AgriSense   06/24
Business Plan   Tarumanagara University
[3th Place](#)
An innovative platform for agricultural monitoring based on AIOT (Artificial Intelligence of Things). Platform to improve sustainable agricultural practices in Indonesia.

Frontend Web Competition
KulitAbdi   03/23
Web Design Competition   Atma Jaya University Yogyakarta
[Top 5 finalist](#)
Leather fashion web application that has developed by creating its ecommerce website using 3D media.
https://kulitabdico.netlify.app/

Credition   04/22
Web Design Competition   Atma Jaya University Yogyakarta
[3rd Place](#)
Web Design prototype that serves credible information search and hoax reporting services.
https://creditionwdc.netlify.app/

CERTIFICATION

AWS ACADEMY GRADUATE – Amazon Web Service
AWS Academy Introduction to Cloud Semester 2   06/23
[Credentials](#)

AWS Academy Introduction to Cloud Semester 1   06/22
[Credentials](#)

SKILLS

- **Languages**   : Indonesia (Native), English (Intermediate)
- **Soft skill**   : Teamwork, Communication, Problem Solving
- **Programming Languages** : Javascript, PHP, Python, Go
- **Database Technology**   : MySQL, MS SQL, Firebase
- **Technologies**   : Git, Postman