Yehezkiel David Setiawan

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

OBJECTIVE

Ambitious computer science student deeply passionate about fullstack web development. Dedicated to pushing the boundaries of web development and crafting innovative solutions. My commitment to excellence is demonstrated through my hands-on experience completing eight projects, highlighting proficiency in fullstack development. These projects showcase my ability to design engaging user interfaces and architect strong backend systems. I am excited to contribute my skills and knowledge to dynamic projects that challenge and inspire continuous growth.

EDUCATION

MARANATHA CHRISTIAN UNIVERSITY
Bandung, Indonesia

Bachelor of Science: Computer Science
2021 - 2025
- GPA : 3.95/4.00

WORK EXPERIENCE

WIT.ID
Bandung, Indonesia

INTERNSHIP – FULLSTACK
01/23 – 06/24

Expertise : 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)
- Migrate inventory feature from golang
- Creating of Project Management System (1:1 Trello)
- Became the Head of Backend for all backend interns

INTERNSHIP - BACKEND
09/23 – 01/24

Expertise : Golang

https://github.com/06202003/PublicAPIInventory
- Developed use-cases, entity-relationships, and class diagrams to structure the office inventory recording system effectively.
- Implemented the designed data model into a SQL database, ensuring data integrity and efficient management.
- Executed depreciation and book value calculations for existing inventory items, enhancing financial insights.
- Developed RESTful APIs, enabling CRUD operations and facilitating effective communication between frontend and backend using Golang.
- Implemented comprehensive test cases using Postman to validate the functionality and reliability of the REST API.

Maranatha Christian University   Bandung, Indonesia
LABORATORIUM STAFF
Coordinator   01/24 – 06/24
- 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.
- 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.

LECTURER ASSISTANCE
Machine Learning   02/24 – 06/24
- Organize and guide students through 14 hands-on practical sessions, each of which focuses on machine learning concepts.
- Give students a deep understanding of model structures, algorithms, and data with Sci-kit Learn and Pandas.
- Through real-world scenarios, students will apply their knowledge to manage data and model it, then apply it to the algorithm.
- Improve their practical skills alongside theoretical understanding.

Advanced Web Programming   02/24 – 06/24
- The emphasis on practical exercises ensures that students develop the skills needed for web development and database management through experiential learning.
- This lab covers a wide range of topics, combining basic backend principles and advanced http protocols.
- Allowing students to apply theoretical knowledge in real-world scenarios using PHP and Javascript, including Laravel and Express.js.

Introduction to Programming   02/24 – 06/24
- Organize and guide students through 14 hands-on lab sessions. These practical sessions complement theoretical learning, allowing students to apply concepts in a tangible manner.
- Labs cover Python basics.
- The emphasis on practical exercises ensures that students develop the skills needed for programming through experiential learning.

Advanced Database   02/23 – 06/23
- Organize and guide students through 14 hands-on lab sessions, each focusing on advanced database concepts.
- Provide students with a deep understanding of intricate database structures, optimization techniques, and advanced query languages.

- Through real-world scenarios, students will apply their knowledge to design and manage sophisticated database systems.
- Enhancing their practical skills alongside theoretical comprehension.

Computer Network   09/22 – 01/23 & 09/23 – 01/24
- Organize and guide students through 14 hands-on lab sessions designed to immerse students in the practical aspects of networking, utilize Cisco Packet Tracer as a key tool.
- These labs cover a range of topics, incorporating both fundamental principles and advanced protocols.
- Allowing students to apply theoretical knowledge in real-world scenarios using the Cisco Packet Tracer simulation environment.
- Throughout these sessions, students gain practical experience in configuring routers, switches, and other network devices, mimicking real-world network setups.

Basic Web Programming   09/22 – 01/23 & 09/23 – 01/24
- Organize and guide students through 14 hands-on lab sessions. These practical sessions complement theoretical learning, allowing students to apply concepts in a tangible manner.
- Labs cover HTML, CSS, and JavaScript, enabling students to create interactive and visually appealing web applications.
- The emphasis on practical exercises ensures that students develop the skills needed for web development through experiential learning.

ORGANIZATION EXPERIENCE

Maranatha Christian University   Bandung, Indonesia
FACULTY STUDENT SENATE   02/23 – 12/23
President
- Manage 14 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.
- Taking strategic steps for the smooth and successful implementation of organizational tasks.

Google Developer Group   Bandung, Indonesia
GOOGLE DEVFEST   12/23
Person in Charge of the University
- Manage the annual Google Developer Group program
- Coordinate, control and monitor the implementation of Google Devfest
- Represent SEMAFIT in external relations or with other parties. Collaborate with the Google Developer Group.
- Take strategic steps for the smooth and successful implementation of organizational tasks.

IEEE Bandung, Indonesia
ICE-SMARTECH 06/23
VIP usher & Parallel Session Organizer
- VIP Guest usher
- Manage and organize parallel sessions.
- Coordinate, control and monitor the implementation of Google Devfest.

PUBLICATION

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 International Conference 2023
Plagiarism and AI Assistance Misuse in Web Programming: Unfair Benefits and Characteristics
Publisher   : IEEE (Auckland, New Zealand)
ISBN   : 978-1-6654-5331-8
DOI   : doi.org/10.1109/TALE56641.2023.10398397

PROJECT

Backend Web Project
Perwalian 06/23
Final Assignment Advanced Web Programming
Grade : 100/100
github/ProjectUASPWL

ACHIEVEMENT

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.

Fullstack Web Competition
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

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
- **Hard skill**   : HTML, CSS, Javascript, Go, PHP, MySQL
- **Framework**   : Bootstrap, Tailwind, React JS, Laravel
- **Technologies**   : Git, Postman, MySQL Workbench