YOHANES SERPIYANTO ELO

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I am a Full Stack Web Developer with a strong academic foundation in Information Technology and professional experience in developing modern web applications using various frameworks and tools such as React.js, Laravel, Codelgniter, MySQL, and Figma.

A graduate of Bina Sarana Informatika University with a GPA of 3.89/4.00, I have also attended the Certified Independent Study (MSIB) program at Rakamin Academy, with a final score of 94.8/100. In this program I successfully completed various team-based and individual projects with Agile methods, including the development of a medication reminder application, a cinema ticketing system, and a digital bookstore.

I am well-versed in frontend and backend development, UI/UX design, quality testing, and product management, and have excelled through various national certifications, design competitions, and BNSP certification as a software developer.

Education Level

Bina Sarana Informatika University - Bekasi, Indonesia

Bachelor of Science in Computer Science, 3.89/4.00

Study Focus:

- Full Stack Web Development (React.js, Laravel, Codelgniter, MySQL)
- UI/UX Design and User-Centered Product Development
- Agile Development and Team Collaboration in Digital Projects
- Database Management & REST API Integration

Final Project:

"Implementation of the Beopoeng Village Communication Website Using the Agile Approach and MERN Tech Stack (MongoDB, Express.js, React.js, Node.js)."

Work Experiences

PT Rakamin Kolektif Madani - South Jakarta, Indonesia

Full Stack Developer (MSIB)

- Participated in the Study Independen program Kampus Merdeka Batch 7 for a full 16 weeks with an Agile Development approach.
- Developed a real cloud-based project oriented to user needs.
- Build web applications using Laravel, PHP, and REST API integration.
- Design UI/UX interfaces based on user research with tools such as Figma.
- Mastering basic Cloud Computing, Product Management, and Data Science principles.
- Actively engage in final project simulations, stakeholder presentations, and team collaboration using digital project management platforms.

PT Winnicode Garuda Indonesia - Yogyakarta, Indonesia

Full Stack Developer (Internship)

- Developed a web application with MVC (Model-View-Controller) architecture using CodeIgniter and PHP.
- Modular, scalable, and responsive backend and frontend integration.
- Implement security best practices such as XSS, CSRF, and SQL Injection mitigation.
- Using Git as the main collaboration tool in the development team.
- Focus on developing CRUD features, system login, and user interface.

Project Experience

Project Title	Technology & Tools	Description
Beopoeng Village Communication Website	MERN Stack, Agile	A village communication website developed individually using the Agile Development method. Features include announcements, citizen feedback forms, and access to public info. Built with MongoDB, Express, React, and Node.js in a modular architecture.
Simple Notes App	React.js, Hooks, JSX	A minimalist note-taking application to create, archive, and delete notes. Focused on component-based architecture and state management using React lifecycle and hooks.
Medication Reminder Website – Digisehat	Laravel, PHP, UX Design, Calendar API	A team project from MSIB Rakamin to help users stick to medication schedules. Includes calendar integration and reminder notifications. Emphasizes user-centric, affordable healthcare access.
Digital Cinema Ticket System	PHP, Interactive UI	A dynamic movie ticket booking website with features like seat and schedule selection, and payment simulation. Focused on building an efficient and interactive UI.
Digital Bookstore	Laravel, PHP	A web-based bookstore app allowing users to search, categorize, add to cart, and simulate purchases. Built with Laravel using MVC and strong data validation principles.
Tourism Website – Labuan Bajo	HTML, CSS, Bootstrap	A responsive and mobile-friendly promotional site for Labuan Bajo. Includes photo gallery, travel info, and contact links for local guides.

Sep 2021 - July 2025

Sep 2024 - Jan 2025

Sep 2024 - Jan 2025

Labuan Bajo UI/UX Design (Figma)	Figma, Prototyping, Interactive Animation	A creative design project emphasizing user experience for a healing-themed travel site. Applied research, user journey flow, wireframing, and animated interactions.
Caffe Coffee Website	Codelgniter, MVC, MySQL	An online coffee shop website developed by a team. Includes a menu system, order feature, and informative blog about coffee. Backend logic built on Codelgniter and MySQL.
Coffee Ordering – JinaKodingWeb	HTML, CSS, JavaScript	A simple static website simulating an online coffee shop. Built without frameworks to strengthen vanilla JS structure and functionality. Features include product listing and simulated checkout.
School Information Website – Pelita Cahaya	HTML, CSS, JavaScript	Developed to digitize school information systems. Provides general information, vision & mission, news updates, and online registration. Built collaboratively to enhance school accessibility.

Technical Skills

Category	Expertise
Front-End	React.js, HTML, CSS, Bootstrap, JavaScript, JSX, React Hooks
Back-End	PHP, Laravel, Codelgniter, MVC Architecture, MERN Stack
Database	MySQL, CRUD (Create Read Update Delete), Query Optimization
Tools & Technologies	Git, GitHub, Postman, REST API, Agile Methodology
UI/UX Design	Figma, Wireframing, Prototyping, UX Research, Design Thinking

Soft Skills

- Team Leadership & Coordination
- Communication & Public Speaking
- Team Collaboration & Problem Solving
- Creativity & Empathy
- Time Management
- Active English (TOEFL 563)

Certifications & Achievements

- Basic React Certificate Skilvul (June 2025)
- (Legacy) React JS Bahasa Indonesia [with React Bootstrap] Certificate Udemy (March 2025)
- Intermediate JavaScript Certificate Skilvul (February 2025)
- Basic JavaScript Certificate Skilvul (January 2025)
- Fullstack Developer Independent Internship Certificate PT. Winnicode Garuda Indonesia (January 2025)
- Certified Independent Study Program Certificate Kampus Merdeka (January 2025)
- IT Full Stack Developer Graduate Certificate Rakamin Academy (December 2024)
- Certificate of Achievement: UI/UX Design Rakamin Academy (October 2024)
- Certificate of Achievement: Fullstack Web Development Rakamin Academy (October 2024)
- Certificate of Participation: Design Thinking Rakamin Academy (September 2024)
- Certificate of Participation: Teamwork Development Rakamin Academy (September 2024)
- National UI/UX Design Competition Participant Certificate Universitas Muhammadiyah Tangerang (September 2024)
- Web Design Competition Award Certificate Politeknik Negeri Bali (September 2024)
- Software Developer Competency Certificate BNSP (August 2024)
- Webinar Certificate: "Become The Future Web Developer" Universitas Lambung Mangkurat (August 2024)
- 2nd Place Certificate: UI/UX Design Competition HIMSI UBSI (July 2024)
- TOEFL Test Certificate Elskill English Course (February 2024)
- BSI DIGINOFEST 2024 Participant Certificate Universitas Bina Sarana Informatika (January 2024)
- IT Bootcamp "Software Development" Completion Certificate UBSI (June 2023)
- Basic CSS Course Completion Certificate Skilvul (September 2022)
- Basic Python Course Completion Certificate Skilvul (September 2022)
- Basic HTML Course Completion Certificate Skilvul (August 2022)
- Certificate of Completion Skill Academy by Ruangguru (January 2022)
- Certificate of Excellence Skill Academy by Ruangguru (January 2022)