RAMADIANSYAH, S.T

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I am a programmer with over 3 years of experience in software development, design, and database management. I specialize in developing applications, debugging, and monitoring their performance to enhance usability within the company. I have successfully built and designed several applications, and I am currently seeking opportunities at a technology company that focuses on software, tech, and business innovation.

WORK EXPERIENCE

Backend Developer, PT. Abacus Teknika Solusindo   July 2023 – Present

- **Bug Management and Problem Solving:** Responsible for identifying and fixing bugs related to vendor reports, ensuring the application runs smoothly and meets user needs.
- **Application Maintenance:** Analyzed and resolved issues arising in the application, focusing on enhancing user experience and operational effectiveness.
- **Database Management:** Efficiently updated and managed vendor data using MySQL, ensuring data integrity and accuracy.
- **Application Debugging and Testing:** Conducted debugging using Node.js and Laravel, and ensured software quality through manual testing, UAT, and unit testing.
- **New Feature Development:** Designed and implemented new features for the BCA project application, enhancing functionality and user engagement.
- **Fullstack Application Development:** Developed fullstack applications using Laravel for BCA Finance, including a delivery order and courier system, to support more efficient operations.
- **RESTful API Development:** Designed and implemented RESTful APIs to facilitate seamless communication between front-end and back-end systems, improving data exchange and application performance.
- **Planning and Development of IBI Project:** Led the planning and development of an LMS project using Laravel, Node.js, Express.js, and MySQL, creating an innovative digital learning platform.

IT Spv Programmer, Politeknik Bintan Cakrawala   May 2022 – May 2023

- **System Planning and Development:** Developed a comprehensive system plan tailored to meet the needs of users and stakeholders, ensuring alignment with institutional goals.
- **Graphic Design and Content Creation:** Designed flyers and visual content for campus Instagram feeds, as well as created 2D designs for campus uniforms using Adobe Photoshop and Illustrator.
- **E-Learning Program Development:** Successfully created and launched an e-learning program accessible on the v-class.pbcakrawala.ac.id website using CodeIgniter 4, PHP, RESTful API, and MySQL.
- **Website Maintenance:** Managed and maintained the main campus websites, pbc.ac.id and v-class.pbcakrawala.ac.id, leveraging CodeIgniter, PHP, and MySQL to ensure optimal performance and user experience.
- **IT Infrastructure Management:** Oversaw the maintenance of all IT infrastructure, including both software and hardware components, ensuring seamless operations and support.
- **Student Interaction and Instruction:** Engaged with students to provide course material and delivered computer science instruction to D3 and D4 students, fostering a collaborative learning environment.
- **Support for Administrative Departments:** Assisted the Public Relations and Cooperation Department, as well as the Bureau of General Administration and Study Programs, in various initiatives.
- **Digital Marketing Assistance:** Supported the marketing team in digital marketing efforts, enhancing the institution's online presence and outreach.
- **Data Management:** Managed data for the entire IT infrastructure office, ensuring accurate and organized information flow.
- **Purchase Requisition Management:** Created Purchase Requisitions (PR) for necessary IT infrastructure needs, streamlining procurement processes.

Program Developer, PT. Citra Tubindo Tbk   November 2021 – December 2021

- **System Planning and Development:** Developed comprehensive system plans tailored to meet user needs and project requirements, ensuring effective implementation.
- **VCP System Development:** Created a VCP system utilizing Webix, JavaScript (React.js), CodeIgniter Framework, and PostgreSQL, enhancing the company's operational efficiency.
- **Bug Fixing and Troubleshooting:** Collaborated with team leads to troubleshoot and resolve issues related to missing data on both front-end and back-end systems, using Node.js, Express.js, CodeIgniter, and ASP.NET/C#.
- **User Interaction and Analysis**: Engaged with users and partnered with Data Analysts to conduct surveys, gathering insights to inform project requirements and improvements.
- **Kanban Planning:** Created and managed project planning on the Kanban Board for team tasks, streamlining workflow and enhancing team collaboration.
- **HRMS Support:** Assisted the HR department in resolving issues with the HRMS program, utilizing PHP, Laravel 6, and PostgreSQL for effective problem-solving.
- **Internal Project Assistance:** Supported the Development Team in creating various internal projects, including websites, attendance applications, and HSE programs, employing PHP, CodeIgniter, JavaScript, and PostgreSQL.

Internship Software Engineer, PT. Bukit Asam (Persero) Tbk   July 2019 –September 2019

- **System Planning and Development:** Developed comprehensive system plans tailored to meet user requirements and enhance operational efficiency.
- **Website Development: Designed** and implemented a web-based B3 waste management system using HTML, CSS, jQuery, PHP (native), and Bootstrap, improving waste tracking and reporting processes.
- **Cross-Functional Collaboration:** Collaborated effectively with the design team, database team, and user survey team to ensure cohesive project development and user-centric design.
- **User Interaction and Adjustment:** Worked closely with field supervisors to refine the web-based B3 waste management information system, ensuring it met user needs and operational requirements, utilizing PHP (native), Bootstrap, MySQL, and Oracle.

EDUCATION

S1 Informatics Engineering, Universitas Maritim Raja Ali Haji　　　　August 2016 – 2021

- GPA: 3.22 / 4.00
- TOEFL Score : 535

ORGANIZATION EXPERIENCE

Chairman of Kominfo Division HMSB (Himpunan Mahasiswa Sumatera Barat)　　January 2019 – 2020

- Assisted the organization's chairman in managing communication and information-related matters.
- Carried out other tasks related to the development of the organization in communication and information.

Deputy Head Division of Graphic Designer (GenBI – Generasi Baru Indonesia)　　July 2018 – 2019

- Responsible for the implementation and scheduling of graphic design for both small and large events.
- Responsible for the implementation of events held by GenBI UMRAH (Maritime Raja Ali Haji University).

Deputy Head Division of HMTI (Himpunan Mahasiswa Teknik Informatika)　　December 2017 – 2018

- Responsible for providing information about the dangers of drugs and campaigning against drug abuse among students.
- Responsible for providing education about the types and dangers of drug abuse and the law.

ABILITIES

Skill:

- *Programming* (Java, JavaScirpt, PHP, TypeScript, .Net, Python)
- *Restful API*
- *System Analys*
- *Framework (Node.js, Springboot, Laravel, CodeIgniter, Vue, ASP.Net,)*
- *Git, Github, Git*
- *QA Manual Testing*
- *Database (MySQL, PostgreSQL, Oracle, MongoDB, Redis)*

Responsibilities:

- *Developing applications*
- *Software Testing*
- *Bug Fixing*
- *Observing application used*
- *Documentation*
- *Program Analys*

Eksploring:

WEB 3.0

- **Core Concepts:** Currently learning about blockchain fundamentals, decentralization, smart contracts, and decentralized applications (**dApps**).

- **Languages & Tools:** Focusing on understanding Solidity for smart contract development and exploring tools like Remix and Hardhat for building and testing.

- **Ecosystem:** Actively following the developments in the ecosystem and learning how to interact with blockchains using libraries like Web3.js.

CERTIFICATION

- *Go (Basic) Certificate "HackerRank" Jun 2025*
- *Software Engineer Certificate "HackerRank" Jun 2025*
- *Cloud and Gen AI AWS "Dicoding" Mei 2025*
- *Certification of Training – Backend Engineer Golang Aug 2023.*
- *Junior Web Programmer Certification "BNSP" 2022 - 2025.*
- *INIXINDO "Data Security Management" 2021.*
- *IT Career Preparetion Program Batch 7 "Alterra Academy" Aug 2021.*