

MUHAMAD BADRUDDUJA

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PROFILE

As a passionate and results-driven Full Stack Developer, I graduated in 2021 from Universitas Bina Sarana Informatika with a GPA of 3.49. I have gained extensive experience in web development, specifically in the manufacturing industry, where I've built and maintained dynamic and scalable web solutions to optimize operations. With expertise in both front-end and back-end development, I am proficient in HTML, CSS, JavaScript, React, Node.js, Laravel, CodeIgniter, and MySQL. My technical skills, combined with hands-on experience, allow me to deliver high-quality, user-centric solutions that drive business efficiency and success. I am eager to leverage my development knowledge to contribute to innovative projects and help businesses in their digital transformation journey.

EDUCATION

D3 SISTEM INFORMASI / GPA: 3.49

September 2018 – Agustus 2021 / Universitas Bina Sarana Informatika

- Preferred subjects are information technology, computer networks, computer infrastructure, Software development

WORK EXPERIENCE

FULL STACK DEVELOPER / PT. BUKIT BAJA NUSANTARA

November 2024 – Mei 2026

- Front-End Development: Design and develop interactive, responsive, and user-friendly interfaces using technologies like HTML, CSS, JavaScript, and frameworks such as React and Next.js to ensure seamless user experience across devices.
- Back-End Development: Develop and maintain robust server-side logic and APIs using PHP, Node.js, and other back-end technologies to ensure smooth data processing and functionality.
- Database Management: Build and manage scalable databases with MySQL, designing efficient schemas to store and retrieve data quickly while maintaining data integrity and security.
- Seamless Integration: Ensure smooth integration of front-end and back-end components, enabling a fully functional and cohesive application that meets business requirements.
- Cross-Functional Collaboration: Work closely with product managers, UI/UX designers, and other developers to translate business requirements into technical solutions, improving user experience and operational efficiency.
- System Performance & Security: Optimize application performance, implementing security measures to safeguard data and enhance system reliability and uptime across all layers of the application.

FULL STACK DEVELOPER / PT. MEKANIKA DIGITAL PRATAMA

September 2020 – Juni 2024

- Comprehensive Development Skills: Proficient in both front-end and back-end development, utilizing technologies like HTML, CSS, JavaScript, PHP, and MySQL to build seamless and dynamic web applications.
- Expert in Modern Frameworks: Skilled in using powerful frameworks such as Laravel and CodeIgniter (CI) for efficient back-end development, and Next.js and React for building fast, scalable, and interactive front-end solutions.
- Responsive & User-Friendly Design: Experienced in creating responsive, mobile-first web interfaces with Tailwind CSS, ensuring an optimal user experience across all devices.
- Robust Back-End Architecture: Expertise in developing and maintaining scalable back-end systems using Node.js and Laravel, ensuring high performance, security, and seamless data management.
- Cross-Functional Collaboration: Able to collaborate effectively with UI/UX designers, product managers, and other developers to deliver high-quality, fully integrated software solutions, driving team productivity.
- Problem-Solving & Efficiency: Strong at troubleshooting, debugging, and optimizing code to improve application performance, ensuring smooth operations and reducing costs through proactive issue resolution.
- Adaptability & Continuous Learning: Always staying updated with the latest technologies and frameworks (like Next.js, React, Node.js) to ensure I deliver modern, efficient, and scalable solutions.

IT SUPPORT SPECIALIST / PT. BRAJA MUKTI CAKRA

January 2019 – Desember 2019

- **Technical Support:** Provided daily technical support to employees, resolving hardware and software issues while ensuring smooth operation of systems and applications.
- **Troubleshooting & Issue Resolution:** Diagnosed and resolved technical issues related to computers, networks, printers, and other devices quickly and effectively to minimize downtime.
- **Network Management:** Monitored and managed the company's network infrastructure, ensuring stable and secure connectivity across the office.
- **System Maintenance & Updates:** Conducted regular maintenance on hardware and software systems, including system updates, application installations, and software license management.
- **User Training & Documentation:** Delivered training to employees on the use of company hardware and software, and provided technical documentation for easier troubleshooting in the future.
- **Collaboration with IT Team:** Collaborated with the IT team to design, implement, and maintain IT solutions that support the company's operational needs.
- **Data Backup & Recovery:** Managed and ensured the continuity of data backup and recovery plans to safeguard the security and integrity of company information.

PROJECTS | [Link Demos - https://kangdru.fun](https://kangdru.fun)

1. MACHINEHEALTH

- **Technologies Used:** PHP, MySQL, JavaScript, Bootstrap
- **Description:** Developed a web-based Machine Health Monitoring System that tracks the condition of manufacturing machinery. The system helps to monitor real-time performance, maintenance schedules, and predictive analytics to avoid breakdowns and improve overall efficiency.

2. EQC (Equipment Quality Control)

- **Technologies Used:** Laravel, MySQL, React
- **Description:** Built an Equipment Quality Control system to manage and track the quality assurance process of machinery and equipment in a manufacturing setting. The platform helps ensure compliance with quality standards and records maintenance and inspection results.

3. CHECKSHEET ONLINE

- **Technologies Used:** PHP, JavaScript, MySQL
- **Description:** Created an Online Checksheet Application that allows real-time updates and tracking of checklists for various manufacturing operations. The tool enables efficient documentation, inspection, and reporting for quality control teams.

4. E-MAINTENANCE

- **Technologies Used:** Node.js, React, MongoDB
- **Description:** Developed an E-Maintenance System to automate and streamline maintenance requests, track equipment issues, and manage work orders. The system enhances communication between maintenance teams and improves response time for issues.

5. MANAGEMENT CUTTING TOOL

- **Technologies Used:** Laravel, MySQL, JavaScript
- **Description:** Developed a Cutting Tool Management System that tracks and manages the usage, inventory, and maintenance of cutting tools in manufacturing environments. The system improves inventory management and reduces tool-related downtime.

6. TRACEABILITY

- **Technologies Used:** PHP, JavaScript, MySQL
- **Description:** Built a Traceability System to monitor and trace the movement of materials, parts, or products throughout the manufacturing process. The system provides detailed tracking data, ensuring transparency and compliance with industry regulations.

EXPERTISE

HARD SKILL

- Microsoft Office (Word, Excel, and PowerPoint)
- Canva and Negotiation
- Database, Cloud Technology, Networking, and Security
- Programming Language and Tools
- HTML, CSS, Java Script, Node JS, ReactJS, Laravel, Codeigniter, NextJS, ExpressJS, Tailwind, and Bootstrap
- MYSQL, MariaDB, and PostgreSQL
- Infrastructure, Network Infrastructure, and Wireless Networking
- LAN-WAN, IT Hardware Support, and Troubleshooting

SOFT SKILL

- Teamwork, Time Management, and Responsibility
- Adaptable and Communicative
- Problem-solving, Leadership, and Critical Thinking

LANGUAGE SKILL

- Indonesia (Native)
- English (Basic)