IDO SURANTA PANDAPOTAN MUNTHE

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Analytical **problem solver** with practical experience in **software development** and **machine learning** applications. **Quick learner** with proven ability to deliver **user-centric** digital solutions. Strong foundation in technical implementation, **data-driven** platforms, and team **leadership**. My website

Education

Brawijaya University - **Malang, Indonesia**　　　　　　　　　　　　　　　　　　　　　Aug 2020 - Dec 2024
Bachelor Degree in Computer Science, 3.53/4.00

- Relevant Courses : Data Structure and Algorithms, Web Programming, Computer Network, Software Engineering, Object Oriented Programming, UX Design, Machine Learning, Artificial Intelligence.

Work Experiences

PT Petrokimia Gresik　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　Aug 2024 - Jan 2025
Digital Product Developer

- Led end-to-end development of Alber, a digital management platform, demonstrating ability to deliver complete business solutions
- Achieved rapid technology adoption by learning and implementing new tech stack within one week
- Managed stakeholder requirements and successfully deployed customer-facing application

SYNRGY Academy Fullstack Web Development　　　　　　　　　　　　　　　　　Feb 2024 - Aug 2024
Digital Product Development Scholar

- Developed end-to-end digital solutions using modern tech stack (ReactJS, NodeJS, ExpressJS, PostgreSQL).
- Participated in intensive 6-week project using agile methodology to develop digital user-centric solutions
- Partnered with product and design teams to translate business requirements into technical solutions

Bangkit Academy　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　Feb 2024 - Jul 2024
Machine Learning Mentor

- Managed and developed 25 students from various top universities demonstrating strong people management skills.
- Achieved 100% student graduation rate in my mentoring class.
- Received average of 4.9/5 satisfaction feedback from students, demonstrating strong communication and leadership skills.

Bangkit Academy　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　Feb 2023 - Jul 2023
Machine Learning Cohort

- Spearheaded data collection and analysis of 2000+ data points for predictive modeling
- Delivered machine learning solution for government assistance eligibility within accelerated timeline G
- Applied advanced analytical and problem-solving skills to extract insights from complex datasets, driving data-driven decision-making.
- Collaborated with a multidisciplinary team to enhance model performance, ensuring scalability and efficiency.
- Demonstrated strong analytical and problem-solving capabilities through complex data projects

Leadership Experience

Album Malang　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　Dec 2022 - Dec 2023
President

- Led a multi-divisional organization, driving efficient cross-functional collaboration and strategic decision-making.
- Established and nurtured key partnerships, expanding the organization's reach and impact within the community.
- Launched new initiatives to enhance member engagement, increasing satisfaction and participation.
- Oversaw organizational growth, ensuring sustainability and alignment with long-term goals.

AIESEC in Brawijaya　　　　　　　　　　　　　　　　　　　　　　　　　　　　Nov 2022 - Jan 2023
AIESEC Future Leaders Coach

- Mentored and guided delegates through the AIESEC Future Leaders program, ensuring they maximized their learning experience..
- Managed and tracked individual progress, providing personalized support and feedback to help delegates achieve their leadership goals.
- Contributed to AIESEC's mission of empowering youth for social impact, strengthening their leadership and professional skills.

Eksekutif Mahasiswa Informatika   Jan 2022 - Dec 2022

Internal Human Resource Manager

- Eksekutif Mahasiswa Informatika is an executive organization in Computer Science Department focusing on executing the programs to enhance the human resource in our department.
- Optimized creative economy division operations, increasing efficiency and maximizing revenue generation.
- Managed resource allocation and team coordination, ensuring smooth operations and goal alignment.

Mahasiswa Wirausaha   Feb 2021 - Jun 2021

Graphic Designer in Business Unit

- Boosted Instagram following by over 200 through the implementation of visually compelling and strategically designed content.
- Designed branded visual materials, including promotional graphics and marketing assets, to strengthen brand identity and attract customers.
- Contributed to the development and execution of the business unit's digital marketing strategy, enhancing engagement and online presence.

Digital Products

TosidaGift – E-Commerce Website ([Link](#))

- Developed a fully functional e-commerce platform using React.js and Tailwind CSS to enable seamless online shopping.
- Designed a conversion-optimized user interface for easy product browsing and checkout experience.
- Implemented dynamic product catalog and search functionality, improving customer navigation and engagement.
- Integrated responsive design to ensure smooth experience across devices, enhancing mobile commerce potential.

Alber – Heavy Equipment Management System ([Link](#))

- Developed a data-driven application using modern development tools (React Native and Laravel), optimizing asset tracking and resource allocation.
- Designed and implemented a structured database system to efficiently store and manage heavy equipment data.
- Successfully deployed in production environment at PT Petrokimia Gresik.

Bhinneka Outdoor – Business Landing Page ([Link](#))

- Developed a high-performing landing page using HTML, CSS, and JavaScript to showcase rental services.
- Implemented advanced SEO techniques, boosting search visibility and ranking the site on the 3rd page of Google search results.
- Indexed the website on Google Search, ensuring proper discoverability and organic traffic growth.
- Utilized Google Search Console to track performance, monitor traffic, and optimize site effectiveness.

Skills

Languages: Bahasa Indonesia (Native), English (Intermediate), Deutsch (Basic)

Technical Skills:
- **Web & Mobile Development:** ReactJS, React Native, ExpressJS, HTML, CSS, JavaScript, Bootstrap, Tailwind, NodeJS, PHP, Laravel
- **Database & Backend:** PostgreSQL, MySQL, RESTful APIs, Version Control (Git)

E-Commerce & Digital Business:
- SEO Fundamentals, Google Search Console, UX/UI Optimization, A/B Testing Concepts
- Website Performance Optimization, Landing Page Development

Data & Business Analytics:
- SQL, Google Data Studio, Market Research, Data Visualization
- Analytical Thinking for Business Insights

Soft Skills: Problem-solving, strategic thinking, communication, collaboration, adaptability, fast learner