MARIO RUDY SILALAHI
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PROFILE

An Informatics Engineering graduate with approximately two years of experience in IT field, specializing in web development through professional work, freelance projects, and internships. Passionate about learning new technologies and continuously expanding skill sets, with a strong aspiration to grow into a well-rounded software engineer. Proven ability to deliver high-quality, user-friendly web applications and collaborate effectively in team environments.

WORK EXPERIENCE

PT Sagara Technology (Jan 2024 – Present)
Frontend Developer | Fulltim Contract

- Collaborated with Backend and QA teams to initiate 2+ new projects, complete 20+ adjustments, and resolve more than 20+ bugs across 5+ projects, including slicing and API integration. Utilized Agile methodology and best practices to ensure code quality and smooth application development.
- Supported Project Manager in retaining or mantaining 3+ website projects by completing redesigns and making various adjustments to the website's interface and functionality. Contributed to enhancing user experience and project sustainability through design improvements and the implementation of client-required changes.
- Successfully completed all tasks within sprints, achieving a 100% success rate and contributing to seamless Agile development and sprint goal achievement.

PT Menara Pengetahuan Indonesia (Feb 2023 – Jun 2023)
Frontend Developer | Internship MSIB

- Collaborated with the team to develop a Learning Management System (LMS) platform, completing responsive slicing for over 10 pages, API integration for 5+ pages, and resolving more than 10 bugs and adjustments. Ensured seamless functionality and user experience across all components.
- Presented team efforts in 3+ weekly meetings to report on the frontend division's weekly progress, ensuring clear communication of milestones, challenges, and next steps to stakeholders.

PT Egrotek (Jun 2022 – Des 2022)
Frontend Developer | Internship MBKM Kedaireka

- Developed an IoT device monitoring platform, slicing more than 3 responsive pages to ensure optimal display across various devices.
- Implemented state management to handle data on the dashboard, enhancing system efficiency and performance.
- Integrated with Firebase API for over 3 pages, ensuring real-time data management and smooth synchronization.

Laboratory / Teaching Assistant (2022)
Telkom University Purwokerto | Information Systems Program - Computer Networks and Data Communication Course

- Delivered over 6 practical modules, both theoretical and hands-on, using Cisco Packet Tracer.
- Reviewed more than 20 student reports weekly, ensuring a solid understanding of the material presented.
- Assisted students in the cable crimping process, ensuring proper technique and adherence to standards.

EDUCATION

- **Telkom University Purwokerto (2020 – 2024) |** Teknik Informatika / GPA **3.99**
  Awards : Speaker at National Seminar Centive 2023
  Relevant Coursework : Basic Programming, Functional Programming ,Object-Oriented Programming, Web Programming , Semantic Web, Algorithms and Data Structures, Database Systems, Software Projects.
  Final Project / Undergraduate Thesis : Implementation of Responsive Progressive Web App in the Development of Point of Sale Applications for MSME Ecoprint (Case Study: Cemantingart Purbalingga)

CERTIFICATION

- **Badan Nasional Sertifikasi Profesi Certification (BNSP 2024) |** Junior Web Developer Occupational Scheme
- **Dicoding Frontend Developer Path (IDCAMP 2024)**

SKILL

- **Programming Languages :** Javascript (experienced), Typescript (experienced), MySQL (familiar), PHP (familiar), Python (familiar), C++ (familiar), Java (familiar)

- **Website Development :** HTML (experienced), CSS (experienced), Tailwind CSS (experienced), React JS (experienced), Next JS (experienced), Vue Js (familiar), REST API (experienced), Laravel (familiar), Express JS (familiar) , UI Design (experienced), Node Js (expereienced)
- **Tools :** Visual Studio Code, Webstrom, Postman, Figma, Trello, Github, Gitlab, Notion
- **SoftSkill :** Team Collaboration, Time Management, Hard Work, Critical Thinking, Problem Solving

LASTEST PROJECT

Pertamina NRE (Frontend Website)
- **Objective:** Redesigned the company profile website and CMS for Pertamina NRE, enhancing user experience and integrating with backend APIs.
- **Technologies Used:** Next.js, Axios, Sass, Material UI.
- **Responsibilities**:
  - Redesigned over 3+ website pages to be responsive and visually engaging, integrating them with backend APIs for dynamic content across multiple pages. Additionally, added 2+ new features to the CMS, enhancing content management capabilities.
  - Optimized the website by transitioning from client-side rendering to server-side rendering using Next.js, improving both performance and SEO. Additionally, added two new features to the CMS, enhancing content management capabilities.

Gain Food System Dashboard (Frontend Website)
- **Objective:** Redesigned a regional list page for the food system dashboard of Bappenas.
- **Technologies Used:** React.js, Axios, Css
- **Responsibilities**:
  - Redesigned the 2+ page layout for improved user interface and experience. Integrated website components with APIs to ensure dynamic content rendering. Collaborated with the team to ensure smooth data fetching and integration using Axios.

Servqual Analysis (Backend Website)
- **Objective**: Developed a RESTful API to manage survey data using the Servqual method.
- **Technologies Used**: Express JS, Prisma ORM, MySQL.
- **Responsibilities**:
  - Designed the database schema using Prisma ORM for efficient data management.
  - Developed over three APIs for frontend consumption, ensuring smooth integration and data flow.

Point of Sales (Frontend Website)
- **Objective**: Developed a Point of Sale application for MSME CemantingArt (Purbalingga) with a focus on Progressive Web App (PWA) features.
- **Technologies Used**: Next JS, TypeScript, Tailwind CSS, Ant Design.
- **Responsibilities**:
  - Developed over ten responsive pages and integrated them with backend APIs for seamless data flow.
  - Implemented PWA features, enabling users to access the application with a mobile app-like experience.
  - Simplified transaction recording and business reporting processes for users, enhancing usability and efficiency.

Zyrex Maveric (Frontend Website)
- **Objective**: Developed a sales website for Zyrex brand products, including both customer and admin interfaces.
- **Technologies Used**: Next JS, TypeScript, Tailwind CSS, Ant Design, Recoil for state management.
- **Responsibilities**:
  - Created responsive and intuitive interfaces for both customer and admin pages.
  - Integrated over four pages with backend APIs, utilizing Recoil for efficient state management across the application.

ORGANIZATIONAL EXPERIENCE

Student Representative Council, Faculty of Informatics (2021 - 2022) | Coordinator of the Household Affairs Division
Responsibilities :
- Managed the organization's finances and cash handling.
- Handled organizational secretarial tasks, including correspondence and permits.
- Coordinated and led a team of 2 staff members.
- Served as a presidium member in the faculty student association's member meetings.