



SAKA BAYU

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South Jakarta

I am a Frontend Web Developer with more than 1 Year of experience in building interactive and responsive web applications. I actively follow the latest trends and innovations in frontend development. And have a deep understanding of HTML5, CSS3, JavaScript, and REST API. I have expertise in various frontend frameworks, which allow me to build efficient and user-friendly applications. Such as Vue.js and React.js.

Work Experiences

BPJS KETENAGAKERJAAN - South Jakarta, Indonesia Mar 2025 - Present
FRONTEND DEVELOPER

- Designed and developed interactive web interfaces to present statistical data using JavaScript and Highcharts.js.
- Played a key role in building an internal dashboard that visualized over 50,000 data entries, improving the team's data-driven decision-making efficiency by 30-40%.
- Collaborated closely with backend developers and data analysts to ensure real-time synchronization and accuracy of displayed information.
- Implemented REST API integration with a basic caching mechanism, reducing data loading times by 20%.
- Focused on optimizing frontend performance to deliver a fast and responsive user experience across desktop and mobile devices.
- Utilized Chrome DevTools for debugging and cross-browser testing to ensure consistent performance across multiple platforms.

ISMART INTER GLOBAL - South Jakarta, Indonesia May 2024 - Dec 2024
FRONTEND DEVELOPER

- Led the development of a large-scale analytics dashboard visualizing over 50,000 data points using a combination of Highcharts.js for multi-layer data presentation.
- Spearheaded frontend performance optimization initiatives, successfully reducing page rendering times by 20-30% through JavaScript refactoring and implementation of lazy loading techniques.
- Worked collaboratively with backend and DevOps teams to ensure real-time data accuracy and system stability under various server conditions.
- Integrated REST APIs with dynamic caching strategies to accelerate response times and enhance user experience by 15-20%.
- Actively involved in QA processes, identifying and resolving over 200 UI/UX issues to improve visual consistency and usability.
- Employed modern debugging tools and testing practices to ensure the interface performed optimally across devices and screen resolutions.

MOODIIFY STORE - South Jakarta, Indonesia Sep 2023 - Dec 2023
WEB APPLICATION DEVELOPER

- Developing a Decision Support System (DSS) web application using the SAW (Simple Additive Weighting) method for evaluating the quality and innovation of gelato flavor variants.
- Automating the product evaluation process which previously took 4 hours, to only 30 minutes, increasing the efficiency of the marketing team.
- Designing a database using MySQL with ERD and LRS models.
- Creating an intuitive and easy-to-use UI/UX display.
- Conducting 5 user testing sessions which resulted in an increase in user satisfaction of up to 45% based on an internal survey.

Education Level

Universitas Pamulang - South Tangerang, Indonesia Sep 2019 - Dec 2023
Bachelor of Informatics Engineering, 3.30/4.00

- Studied web development using HTML, CSS, SASS, JavaScript, Git, REST API.
- Mastered programming languages such as PHP, Java, and C++ for web and desktop application development.
- Gained knowledge in data structures, algorithms, databases, and software engineering.
- Worked on various projects involving UML, ERD, and system design.

Purnama 1 Jakarta - South Jakarta, Indonesia Jul 2016 - Jul 2019
Senior High School, 80.00/100.00

- Graphic Design (Adobe Photoshop, Illustrator, CorelDRAW).
- Web Programming (HTML, CSS, JavaScript, PHP).

Organisational Experience

OSIS Senior High School Purnama 1 - South Jakarta, Indonesia Jan 2017 - Jul 2018

Member

- Leadership & Organization – Conducting meetings, acting as a liaison between students and the school, and fostering leadership skills.
- School Events & Activities – Organizing events such as class meetings, art performances, and inter-major competitions.
- Discipline & Character Development – Maintaining school order, supporting literacy movements, and promoting cleanliness programs.
- Social Activities – Organizing community service programs, blood donations, and assistance for students in need.
- Talent & Interest Development – Managing extracurricular activities, hosting competitions, and showcasing students' creative works.

Skills, Achievements & Other Experience

- **Soft Skills** (2024): Problem-solving, Team collaboration, Time management, Adaptability.
- **Hard Skills** (2024): HTML5, CSS3, SASS, Bootstrap → Mastering modern web development, ensuring responsive and optimized designs across devices. Experienced in increasing page loading speeds by up to 30% with CSS optimization and the use of preprocessors such as SASS.
- **Hard Skills** (2024): JavaScript, jQuery → Build high-performance interactive applications. Use JavaScript and jQuery to reduce function execution time by up to 25%, improving user experience.
- **Hard Skills** (2024): PHP, MySQL → Experienced in simple backend development, managing databases, and building APIs that can be integrated with the frontend.
- **Hard Skills** (2024): Git, RESTful APIs → Familiar with using Git for version control in collaborative teams and integrating RESTful APIs to surface real-time data on the frontend.
- **Projects** (2024): Exsist BPJS Ketenagakerjaan → Design and develop data visualization dashboard with JavaScript and Highchart.js, which is used by internal users to analyze data more efficiently.
- **Projects** (2024): JSReport BPJS Ketenagakerjaan → To create, manage, and generate customizable reports using various formats such as PDF, Excel, and HTML.
- **Projects** (2023): Moodiify Store → Building a decision support system (DSS) based on the SAW method to determine the best gelato flavor variant, reducing product analysis time from 4 hours to 30 minutes.