Muhamad Arfa Alghiffari

My name is Muhamad Arfa Alghiffari, a beginner in Web Development with a focus on Frontend development. With an educational background from the Jakarta State Polytechnic of Creative Media, I am eager to continue honing my web technology skills to deliver the best in project development.

 argf013
 Muhamad Arfa Alghiffari
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Skills

Frontend:

- Experienced in HTML, CSS, JavaScript, and TypeScript for building interactive and scalable web applications.
- Experienced in React.js, Vue.js, Bootstrap, and Tailwind for responsive UI development.
- Understand responsive web design principles and implementation without UI frameworks.
- Familiar with Progressive Web App (PWA) concepts, including service worker registration, caching strategies, and offline support.
- Familiar with testing frameworks like Jest and Cypress for automated testing.
- Implementing Webpack for module bundling and optimization.

Backend

- Experienced in building RESTful APIs using Node.js, Express, and Hapi.
- Proficient in PHP and MySQL for database management.
- Implementing authentication and authorization for secure web applications.

Version Control

- Git & GitHub for collaborative development and version control.

Education

- Jakarta **State Polytechnic of Creative Media,** Department of Design. Study Program in Multimedia Engineering Technology.
  Jakarta, Indonesia 2020 - 2024. GPA (3.6)

Experience

- **BRILiaN Internship Program (BIP) - PT Bank Rakyat Indonesia Tbk**
  October 2024 - May 2025
  - Developed a web-based OCR system to scan receipts and extract transaction data.
  - Integrated extracted data into an Spreadsheet verification system for BRI transactions.
  - Developed a JavaScript shortcut script to improve business process modeling web based software.

- **Frontend Web Developer (Internship) - PT Angkasa Defender Indonesia**
  August - September 2024
  - Converted designs from Figma into a functional website.
  - Collaborated with the backend team to integrate APIs.
  - Utilized Vue.js as the frontend framework with TypeScript.
  - Implemented Editable Table and Drag and Drop Table features.
  - Applied Agile methodologies using Trello for task and sprint management.
  - Used GitHub for version control and implemented CI/CD pipelines.
  - Wrote unit tests using Cypress and developed reusable components to enhance development efficiency and consistency.
  - Consistently write clean, maintainable code following industry-standard style guides

- **G2 Arena Website (Project Based Freelance)**
  February - June 2024
  - Converted designs from Figma into a functional website.
  - Developed the backend using PHP Native and managed a MySQL database.
  - Integrated QRIS (Netzme) payment gateway for direct transactions on the website.

- **Bootcamp Frontend & Backend Path - Dicoding**
  August - November 2022
  - Learned core JavaScript concepts, DOM manipulation, and responsive web design from scratch without UI frameworks like Bootstrap or Tailwind.
  - Built Progressive Web Apps (PWA) with proper caching and offline support.
  - Performed frontend unit testing using Jest and Puppeteer.

- ○ Designed and styled web interfaces manually using semantic HTML and clean CSS.
- ○ Developed basic RESTful APIs using Hapi.js and PostgreSQL, including route structuring and middleware setup.
- ○ Implemented authentication and authorization systems on both Firebase and custom Hapi.js backend.
- ○ Learned backend fundamentals such as authentication, authorization, error handling, data validation, and unit testing.
- ○ Built and managed backend services using Firebase Firestore for data storage, user login, and session management.
- ○ Collaborated on a final group project to develop a sea turtle conservation web application, fully integrated with Firebase authentication and deployed to Netlify.

Certificate

- **Menjadi Front-End Web Developer Expert**
- **Belajar Membuat Aplikasi Back-End untuk Pemula**
- **Belajar Fundamental Front-End Web Development**
- **Belajar Fundamental Aplikasi Back-End**