REYHAN WIDYATNA HARWENDA

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PROFILE SUMMARY

Hi there, I'm a software engineer currently focused on frontend engineering with almost 2 years experience. I also like to dive deep into and cover all areas of software engineering. I'm also curious and willing to try new things like product management.

EMPLOYMENT HISTORY

Frontend Engineer
Twibbonize, Jakarta

Aug, 2021 – Oct, 2022

- Redevelop Twibbonize website with new design architecture, clean code design principle, better functionality and new user interface from scratch using NuxtJS and SCSS
- Refactoring all component into reusable component, implement state management concepts and develop our own styling CSS instead of using any CSS framework
- Add some extra features on campaign creation flow and reframe it with better functionality, interface and experience
- Handle image processing problems such as compressing image size, resizing image, change image format and pixel manipulation using canvas. Also work with third party canvas libraries to apply filter image and create text above image
- Developed a Button feature that allow users to add website link and published it to Twibbonize campaign
- Developed a Embed feature that allow users to embed their content on their social media platform to Twibbonize campaign, and currently there are six available social media that user can embed (YouTube, Twitter, Facebook, Tiktok, Spotify, Instagram)
- Developed a Media feature that allow users to post one or many photos/videos to Twibbonize campaign and download it as a participant
- Developed a Text feature that allow user to post their content/notes/guides or anything they want to show into Twibbonize campaign
- Developed a Comment feature that allows users to comment in campaign and interact with others by replying or mention other users in Twibbonize campaign
- Developed a Notification feature that allow users to get latest news from Twibbonize team
- Work closely and help product manager and UI/UX designer to design and develop new feature

INTERNSHIPS

Android Developer
PT Aruna Jaya Nuswantara, Jakarta

Jun, 2019 – Aug, 2019

- Develop real time chat application for Aruna internal team using Java and Firebase
- Build User Interfaces from scratch using Figma
- Engage in collaborative development with fellow developers, leveraging Git, GitHub, and Trello for seamless coordination and progress tracking

Software Engineer   Jul, 2020 – Aug, 2020
DSITD IPB, Bogor

- Extract Website Data with BeautifulSoup for efficient web crawling and data extraction, streamlining content retrieval from various websites
- Develop dashboard management system that helps lecturers to check their grading index based on government grading index website using HTML, CSS, Python (Flask)
- Engage in collaborative development with fellow developers, leveraging Git, GitHub, and Trello for seamless coordination and progress tracking

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PROJECTS

IPB Connect, Frontend Engineer   Jan, 2021 – Mar, 2021

- We propose a comprehensive redevelopment of the IPB Connect website using cutting-edge technologies such as NuxtJS and the Vuetify CSS Framework
- Enrich the user experience through the implementation of advanced state management, SCSS for enhanced styling, and reusable components to deliver a seamless and modern browsing journey
- Enhance user engagement by introducing new features that cater to their evolving needs, making the platform more useful and interactive
- Craft visually appealing User Interfaces and Wireframes from scratch on Figma, transforming conceptual ideas into tangible and intuitive design elements

Link: https://ipbconnect.ipb.ac.id/

Dashboard IPB Connect, Frontend Engineer   Jan, 2021 – Mar, 2021

- One of the core functions of this dashboard is to efficiently manage user data within the IPB Connect platform. Administrators can seamlessly access and manipulate user information, ensuring data accuracy and integrity
- Dashboard caters to a complex organizational structure by enabling the management of multiple administrative roles. This feature empowers administrators to assign specific permissions and responsibilities to various team members, ensuring that the right individuals have access to the appropriate functionalities within the platform
- Catering to the wide array of features on IPB Connect, the dashboard serves as a central control center for overseeing all these functions. Administrators can easily customize and personalize the user experience by adjusting and managing features according to their needs

Link: https://admin-ipbconnect.ipb.ac.id/

Twibbonize, Frontend Engineer   Aug, 2021 – Oct, 2022

- Revamp the Twibbonize website with a fresh architectural design, emphasizing clean code principles for enhanced functionality and a new user interface built entirely from scratch using NuxtJS and SCSS
- Restructure all components into reusable units, apply state management concepts, and create custom CSS styles instead of relying on pre-existing frameworks
- Improve the campaign creation process by adding extra features, enhancing functionality, and refining the interface for an enhanced user experience
- Address image-related challenges, including image compression, resizing, format conversion, and pixel manipulation using html2canvas
- Collaborate closely with cross-functional teams to develop a suite of new features, encompassing Button, Embed, Media, Text, Comment, and Notification functionalities

Link: https://www.twibbonize.com/

Museum Notes IPB

Jul, 2023 - Jul, 2023

- Create a feature for users to work with digital sticky notes through JavaScript DOM manipulation. By going paperless, we reduce environmental impact, and by using local storage, users can access their notes even after closing the website.

Link: https://museum.ipb.ac.id/notes

Integrated Service Center

Sep, 2023 - Oct, 2023

- Develop a comprehensive system for managing queuing tickets at the student center, aimed at streamlining the process for students. This includes providing a user-friendly online booking platform that allows students to schedule their visits conveniently
- To ensure efficient communication, implement WebSocket technology to facilitate real-time interactions and updates between students and the service center. This will enhance the overall experience and provide timely information regarding queuing status
- Additionally, the system will offer an array of information services, making it a one-stop solution for students seeking essential details, such as center operating hours, available services, and any other pertinent information they may require

Link: https://isc.ipb.ac.id/

Dashboard Integrated Service Center

Sep, 2023 - Oct, 2023

- Create an integrated service center dashboard designed for administrators to efficiently manage the web service center. This dashboard is a crucial tool for overseeing various aspects of the service center's operations, ensuring everything runs smoothly
- The dashboard includes real-time communication capabilities through WebSocket technology, enabling administrators to stay updated with live data and interact with users as needed
- One of the key priorities is to maintain a well-structured flow of data. This ensures that information is organized and readily accessible, making it easier for administrators to make informed decisions and address user needs promptly

Link: https://admin-isc.ipb.ac.id/

EDUCATION

Computer Science, Bachelor Degree

Sep, 2017 - Nov, 2021

Bogor Agricultural University (IPB), Bogor

Technology Information, Master Degree

Sep, 2023

University of Indonesia, Jakarta

CORE SKILLS

- Git
- C
- PHP

- HTML
- CSS/SCSS
- Javascript

- React
- Vue
- Nuxt

COURSES

Jan 2023	Fundamental FrontEnd Web	Dicoding
Jan 2023	Fundamental FrontEnd Web React	Dicoding
Feb 2023	React Web Developer Expert	Dicoding
Feb 2023	FrontEnd Web Developer Expert	Dicoding