

SANDI MANGIWA

SOFTWARE ENGINEER



ABOUT ME

I am a graduate of Telkom University with a Bachelor's degree (S1) in Informatics. During my college years, I actively participated in laboratory work, engaged in faculty projects, and underwent internship programs. After graduation, I have accumulated over 3 years of experience as a Software Engineer. My strong interest in programming and design has shaped my character to become more critical and creative.



WORK EXPERIENCE

Software Engineer - Infonet Global Tech

June 2021 - Present

- Developing high-quality web applications.
- Analyzing and maintaining websites.
- Designing scalable code.
- Identifying and fixing programming bugs.
- Collaborating with clients and cross-functional departments to communicate project status.
- Redesigning website layouts.
- Creating the initial frontend structure to serve as a reference for other developers.

Frontend Engineer - Turnkey Group

April 2023 - November 2023

- Designing and delivering user interface systems for websites, software programs, and web-based applications to provide an excellent user experience.
- Writing quality code using frontend frameworks or other required programming languages.
- Collaborating with the team to analyze issues, review new and existing code.
- Working with cross-functional teams to enhance usability and optimization.
- Manually deploying code to servers when necessary.

Frontend Engineer - Bandung Techno Park

April 2021 - February 2023

- Developing high-quality software and web applications.
- Creating frontend based on designs provided by UI/UX.
- Connecting frontend to backend using REST API.
- Identifying and fixing bugs as per QA team findings.
- Directly communicating with clients to determine requirements and present development results.

Frontend Engineer - Mandiri Tunas Finance

January 2022 - July 2022

- Developing frontend for iCare MTF.
- Creating a dashboard for MTF complaints.
- Fixing existing bugs.



CONTACT

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EDUCATION

August 2016 - September 2020

Bachelor's in Informatics, Telkom University



PROFESSIONAL SKILLS

Vue.js & Nuxt.js

React.js & Next.js

Utilized libraries such as Axios, Apollo, chart.js, and others.

Figma

Designed for mobile and website. Completed 5 projects with practical applications.

Docker

Designed and implemented 5 projects.

Python

Capable of using the Flask framework and developing Windows applications, web applications, and utilizing Python for Machine Learning.

Git, Photoshop, SASS, TypeScript, and Others



PERSONAL SKILLS

- Time Management
- Creativity
- Team Collaboration



WORK EXPERIENCE

Frontend Developer (Vue.js) - Media Teknologi Sentosa Tech

February 2021 - March 2021

- Developed a website designed for medical consultations, incorporating Video Call functionality.
- Implemented features such as Articles, Doctor Search, Login, Registration, Consultation, Edit Profile, Doctor Chat, Video Call, and several features still in development.

Windows App with Python GUI - Telkom University Lecturer

April 2020 - May 2020

- Created a Windows application using a Python-based GUI to predict the wind direction of a location based on latitude and longitude positions

Full-stack Web Developer - Internship - Bandung Techno Park

April 2019 - June 2019

- Developed a website using PHP with the Codeigniter framework.
- Created additional servers (Backend) and UI (Frontend).



ORGANIZATIONAL EXPERIENCE

Coordinator of Creator Division - PMK TES Telkom University

August 2018 - August 2019

Led the division in creating posters, videos, and documenting every PMK event.

Member of the Arts and Culture Division - KBMS Telkom University

August 2017 - August 2018

Managed, maintained, and prepared the necessary musical instruments for every cultural event related to Sulawesi.

Member - GMKI Bandung

August 2016 - August 2017

Contributed to and served as a committee member in GMKI events.