



Dwiki Prastyo

Fullstack Web Developer



Portfolio

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dwikipras.com

Dwiki (25) is a Full Stack Web Developer with a Bachelor's degree in Electronics Instrumentation from Universitas Gadjah Mada (UGM). He specializes in building dynamic web applications using ReactJS for the frontend and Node.js with Express for the backend. While he has some background in graphic design, his main focus is delivering robust, end-to-end web solutions.

Work Experiences

PhinCon • Web Developer • Surakarta / Jakarta

Telkomsel Digital World (TDW Project) • Dec 2021 – Now

- Utilize expertise in UI Designs to formulate and implement high-quality, responsive web solutions using the scrum methodology.
- Develop and incorporate Spec Design into robust API code.
- Provide proactive support in the migration of APIs into microservices and aid in Quality Assurance testing.
- Leverage a toolbox of tech skills including but not limited to: ReactJS, SASS, Redux Saga, NodeJS, Express.js, HapiJS, Jenkins, Docker, Kubernetes, AWS, and Jira.

Kognitif • Frontend Web Developer • Yogyakarta

Access (Online Accounting Quiz Website) • May 2021 – Aug 2021

- Create login and dashboard page and integrate with nodejs and firestore database.
- Implement figma UI design to the website using ReactJS and TailwindCSS.
- Tech used: ReactJS, TailwindCSS, Firebase, NodeJS

Mambix Ltd. • Fullstack Web Developer • Yogyakarta

Lets Proxy (Home Server Website) • Jul 2021

- Design and implement UI for the login page and dashboard using figma.
- Fetch data from the backend API using axios library.
- Tech used: ReactJS, SASS, Figma

Gajcom (T-shirt Supply and Print Marketplace Website) • Mar 2021 – May 2021

- Fix layouting for the catalog page and home page.
- Tech used: CakePHP, CSS3

Education Background

Universitas Gadjah Mada • Yogyakarta • Aug 2017 – Jul 2021

Bachelor's Degree, Electronics Instrumentation

- Learn about programming, machine learning, IoT systems, sensor network, and electronics instrumentation
GPA 3.40
- Wrote undergraduate thesis about electronic nose

Organizational Experiences

Competition Crew member • 2019

ELINS Robot Competition, EBOTEC #9

- Discuss the ideas and concept with other crew member of the Mini KRI subdivision and responsible to ensure that the design and concept of the Mini KRI Competition fulfill the coordinator requirements.

Business Funds Crew Member • 2018

Electronics Instrumentation Festival, FEI #8

- Discuss the strategy to find fundings for the event and coordinate other division to help executing the strategy.

Achievement and Certification ●

2nd Winner IoT Development Competition MAGE #5 • 2019

Institut Teknologi Sepuluh Nopember

MAGE is a yearly event held by ITS which organizes several competitions including IoT Development Competition. This competition was attended by 14 teams from 12 universities.

Personal Projects ●

Anthropology IoT Projects • 2025

Tech Stack: React Native, Typescript, NodeJS, Express, Posgresql, MQTT, nginx, pm2

Dashboard SSGI 2024 • 2024 – 2025

Tech Stack: NextJS, Typescript, TailwindCSS, RestAPI, NodeJS, Express, Posgresql, MariaDB, nginx, pm2

Wedding Invitation Website – A Digital Wedding Invitation • 2024

Tech Stack: ReactJS, Typescript, TailwindCSS, RestAPI, NodeJS, Express, MongoDB, Axios

Sarangkata – A Story Telling Platform (Unreleased – Joint Project) • 2023

Tech Stack: NextJS, Typescript, TailwindCSS, GraphQL, NodeJS, Express, PostgreSQL, Apollo

Handayani Fiber Landing Page – A Landing Page for Handayani Fiber Marketing • 2023

Tech Stack: ReactJS, Typescript, TailwindCSS

Spotify Fun Clone – A Clone of Spotify using SpotifyAPI • 2022

Tech Stack: NextJS, Typescript, TailwindCSS, SpotifyAPI

Skill & Stacks ●

Programming Languages

JavaScript (ES6+), TypeScript, Python (*basic proficiency*), SQL, PHP

Frontend

React.js, Next.js, VueJS (*basic proficiency*), Tailwind CSS, CSS3, SCSS/SASS, Bootstrap, Styled Components, HTML5,

Tools: Vite, Webpack, ESLint, Prettier

Backend

Node.js, Express.js, HapiJS, NestJS (*basic proficiency*), Laravel (*basic proficiency*), REST API, GraphQL, JWT, bcrypt

Databases

PostgreSQL, MongoDB, MySQL, Redis, AWS S3

Devops & Deployment

Docker, Nginx, PM2, Jenkins, Kubernetes, AWS, Vercel, Netlify, Heroku (*basic proficiency*)

Version Control & Collaboration

Git, GitHub, GitLab, Bitbucket, MIRO, Jira, Notion, Slack

Design & Prototyping

Figma, Adobe Illustrator

Methodologies & Architecture

Agile (Scrum), MVC/MVVM Pattern, Component-Based Architecture, Responsive Web Design