

Andreas Robert Pitoy

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PROFESSIONAL EXPERIENCE

Web Developer - Bicarakan.id

Jan 2022 - present

- Collaborated with the team to develop and maintain the website's frontend, which includes static pages and features such as authentication, search, and psychologist booking.
- Implemented the main site using React, NextJS, TypeScript, and tracking for analytics with Mixpanel, GTM, and Pixel. Deployed on AWS EC2.
- Adapted to changing business requirements, applied changes to the design and user flow while utilizing TypeScript type safety, and developed custom hooks to manage state for code reusability. Also streamlined the styling by transitioning from SCSS to tailwind to keep up with frequent design changes.
- Helped with other minor tasks using stacks such as Vue for internal tooling to help psychologists check their schedules, and Go for the backend.
- Contributed insights and researched frontend and backend implementation approaches.

Frontend Engineer Intern - Bukit Vista

Oct 2021 - Dec 2021

- Collaborated with the backend developer to build a multi-step form for partner onboarding, while maintaining effective API calls, state management, and reusable code using React/Redux, Material UI and Tailwind.
- Collaborated with designer to iterate product's UI/UX by improving state management and styling.
- Investigated and fixed bugs by improving code implementation.

PERSONAL PROJECTS

Watchdiary - Entertainment Tracking Tool App [[PLAYSTORE](#)] [[APPSTORE](#)]

- Developed and designed an app to track what and when you watch a movie or episode of a series.
- Developed using AWS Lambda with Go, DynamoDB as the database, and TMDB API.
- Developed the frontend using Flutter with its Provider package for state management.
- Implemented with Auth0 services for authentication.
- Deployed to Appstore and Playstore by confirming with their guideline and regulation.

Memory - Online Game Site [[GITHUB](#)] [[WEBSITE](#) (server inactive)]

- Developed a website to play games local or online from single to 4 player using Websocket with Go and Vue.
- Learned about state management in Vue using Composition API and Vuex. Styled using Tailwind.
- Learned channel and goroutine in Go while using gorilla/websocket to connect users.

Audiophile - E-Commerce Site [[GITHUB](#)] [[WEBSITE](#) (server inactive)]

- Developed an ecommerce demo website with NodeJS, NextJS, React, and TypeScript which uses MongoDB and GraphQL to manage the database. Deployed on Heroku and Netlify.
- Learned about state management to store the inputs of users, their data, and submitting forms.
- Build an admin page with authentication using JWT while taking advantage of NextJS server-side rendering to block unauthorized users.

The Feed - Forum Site [[GITHUB](#)] [[WEBSITE](#) (server inactive)]

- Developed a full-stack Forum site where you can post something and give upvotes and make comments.
- Implemented with TypeScript, NextJS, PostgreSQL and NodeJS, deployed on Heroku and Netlify.
- Implemented authentication with JWT to verify users ability to post, comment, and upvote.

EDUCATION

Gunadarma University

Sep 2019 - Nov 2022

Bachelor Degree in Informatics Engineering

SKILLS

Proficient: React, Vue, Nextjs, TypeScript, JavaScript, Go, Node.js, HTML+CSS, PostgreSQL, AWS Lambda, DynamoDB.

Familiar: Flutter, dart, python, c#, GraphQL, MongoDB.