

# Andreas Robert Pitoy

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## Skills

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**Language** : TypeScript - JavaScript - GraphQL - HTML - CSS - Python - Go - C#  
**Framework** : React - ExpressJS/NodeJS - NextJS - Vue  
**Database** : Postgres - MongoDB

## Work Experience

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Frontend Engineer Intern - BUKIT VISTA

*October 2021 - December 2021*

- Developed and collaborated with backend developer to build a multistep form, while maintaining effective API calls, state management, and reusable code using React/Redux and Material UI.
- 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

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E-Commerce Website - Audiophile [\[WEBSITE\]](#). [\[GITHUB\]](#).

- Developed a full-stack e-commerce website with NodeJS, NextJS, React, and TypeScript which uses MongoDB and GraphQL to manage the database.
- 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 user.

Reddit Clone - The Feed [\[WEBSITE\]](#). [\[GITHUB\]](#).

- Developed a full-stack Reddit like site where you can post something and give upvotes or comments using Postgres for the database.
- Learned about SQL queries while deploying the database in Heroku.
- Build using JWT to verify logged in registered users to be able to post, comment, and upvote.

Online Game Site - Memory [\[WEBSITE\]](#). [\[GITHUB\]](#).

- Developed a full-stack website to play games local or online using Go, Websocket, 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 to the frontend.

News Site - The Olden Times [\[WEBSITE\]](#). [\[GITHUB\]](#).

- Developed and design a news site with a newspaper-like layout with a search functionality.
- Learned about API testing using Postman and building the site using multiple news API such as Gnews, The Guardian, and The New York Times.
- Learned to use context for state management and create custom hooks.

Informative Site - Planetfacts [\[WEBSITE\]](#). [\[GITHUB\]](#).

- Developed a informative website that teaches about the planets in our solar system.
- Learned about making a responsive website with styled-components library for the styling.
- Learned redux for the state management and built using NextJS, React, and TypeScript.

## Education

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Gunadarma University  
INFORMATICS ENGINEERING

*2019 - Present*