Campsie, NSW 2194
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YOSUA NICOLAUS

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PROFESSIONAL SUMMARY

Aspiring Frontend Developer with Strong Skills in TypeScript and React. Passionate about creating engaging web applications and eager to expand my skills in software development. Proficient in using React and Tailwind CSS to build responsive and visually appealing web applications. Skilled in JavaScript, TypeScript, Python, and other languages and frameworks. Take a look at my personal projects at https://yosuanicolaus.vercel.app/

EXPERIENCE / PROJECTS

Full-stack Online Chess App   **Next-Chess**   **September 2022**

React, NextJS, TypeScript, TailwindCSS, Firebase   https://logichess.vercel.app

- Developed a full-stack NextJS application using TypeScript, TailwindCSS, and Firebase for the realtime database and authentication.
- A rewritten project from FrontChess and BackChess with upgraded overall design and features.
- Utilized Firebase Realtime Database to sync the online data and enabled online play between users.
- Implemented the LogiChess programming library for all important chess data and move generation.https://yosuanicolaus.vercel.app/

MERN stack Online Chess App   **FrontChess and BackChess**   **August 2022**

React, Bootstrap, TypeScript, Firebase, Express, MongoDB, SocketIO   https://frontchess.vercel.app

- Designed and developed a FrontEnd and BackEnd application for online web chess using MERN stack.
- Utilized SocketIO to handle socket connection and enabled stateful online data flow.
- Created API and Socket communication between the frontend and the backend.

Chess Programming Library   **LogiChess**   **July 2022**

TypeScript   https://npmjs.com/package/logichess

- Developed and published a chess programming library as an npm package.
- Accepts chess FEN data and generates readable, useful, and playable chess data.
- Built from scratch without any dependencies using typescript.

EDUCATION

Australian College of Business Intelligence   **October 2022 - April 2024**

Diploma of Information Technology *(specialized in web development)*

- Enrolled as a student in ACBI Information Technology program specialized in web-development and pursuing a Diploma of Information Technology.

The Odin Project   **January 2022 - June 2022**

Free open source coding curriculum for web development

- Self-studied the basics of web development and built a lot of web projects along the way.

Jazz Centrum Surabaya   **July 2017 - October 2021**

Jazz/Jazz Studies

- Studied Jazz/Jazz Studies with a focus on music theory, jazz improvisation, and practical jazz piano performance.

LANGUAGES AND TECHNOLOGIES

- HTML, CSS, JavaScript, TypeScript, Python, GDScript, C#, Ruby, C++
- React, NextJS, Bootstrap, Tailwind CSS, Firebase, MongoDB, Express, Godot
- VSCode, NeoVim, Git, GitHub, Bash, Linux