Jeriel Isaiah Layantara

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Driven Frontend Engineer with over 2 years of experience, deeply passionate about creating innovative and visually striking designs for web and mobile applications. Proficient in React, TypeScript, Tailwind, Styled-Components, and Redux.

EDUCATION

National Yunlin University of Science and Technology, Taiwan　　　　　　　2019-2023
Bachelor of Computer Science & Information Engineering (GPA 3.83)

PROFESSIONAL EXPERIENCE

Luhao Tech　　　　　　　　　　　　　　　　　　　　September 2022 - Current
Front-end Engineer *(Internship)*

Xinwuri District, Taichung City

- Independently developed the admin backstage infrastructure for **BearPay (小熊Pay)**, an app that ranked 40th in the Entertainment category on App Store
- Responsible for overseeing all web-related projects within the company, handled web design, development, optimization, and maintenance.
- Built highly scalable and reusable components using Vite, Tailwind CSS, and Styled Components

森太國際有限公司　　　　　　　　　　　　　　　　May 2021 - September 2022
Sales Clerk - 工讀生 / PT

Douliu City, Yunlin County

- Handled money remittance transactions, storage management, and translation for Indonesian, Filipino, Thai and Vietnamese customers
- Accountable for daily and monthly financial reports

Android Developer　　　　　　　　　　　　　　　　　June 2021 - Current

Individual Projects

- **Tucope**, app for crypto portfolio management with CoinMarketCap API integration to calculate real time market value.
- Created a data science and ML based Android app for crypto price prediction andrecommendation using MVVM, Live Data, Firebase and Binance API.
- Developed demo app for selling expiring foods to reduce waste. Funded by National Yunlin University

PROJECTS

Bear Pay Admin Web App - (小熊 Pay)

- Designed and developed an intuitive admin website to efficiently manage claw machine payments and provide detailed transaction statistics.
- Optimized GQL fetching techniques, resulting in a 70% reduction in data fetching time.
- Implemented automatic and dynamic features that adjust the website's layout and functionality based on user roles, providing a seamless and personalized user experience.

Design Editor

- Created a user-friendly Figma clone with robust functionalities, including nested element creation, demonstrating my expertise in modern web development.
- Overcame significant issues in managing nested elements by persistently reevaluating and improving the Redux state management.
- Enhanced application efficiency by adopting a normalization approach, which improved data retrieval, relationship management, and ensured data consistency,

Jerielisaiah.com | Portfolio

- Created a sleek portfolio website using React Typescript, Vite, Tailwind CSS, and Styled-Components for a faster, reliable, and modern appearance.
- Please refer to my website portfolio for more projects.

ACHIEVEMENTS

- Ministry of Education Overseas Chinese Scholarship Recipient
- Bridge Link Cultural and Educational Foundation Scholarship (2021, 2022, 2023)
- Finalist in Indonesian Business Model Canvas Competition (2021)
- Entrepreneurship Competition Funding (2022), National Yunlin University

SKILLS & TOOLS

Skills: React, Tailwind CSS, Styled-Componenets, Redux, RWD, Three.js

Tools: Android Studio, NodeJS, React, Git, GraphQL, Firebase, Unity

Programming Languages: TypeScript & JavaScript, JAVA, HTML, CSS, C#, SQL

Languages

- English (TOEIC 925) - Fluent
- Chinese - Fluent
- Indonesian - Native