

David Bernadi

Software Engineer

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Profile

Experienced software engineer, frontend enthusiast dedicated to crafting accessible, high-quality digital experiences.

Professional Experience

Software Engineer, Bank OCBC Indonesia

July 2021 – present

- Developed a web app for relationship managers using React and TypeScript, transforming manual processes and reducing average onboarding time from potentially hours or more than a day to under 10 minutes.
- Developed an offline mode feature for onboarding customer, enabling draft saving for a seamless experience without internet.
- Accelerated the KYC process by 87%, cutting average time from 2 minutes to 15 seconds, by replacing VKYC with Face Recognition and Liveness Check.
- Transformed Figma designs into web components, crafting a seamless and visually appealing user experience.
- Developed a CMS with Strapi, centralizing asset management to reduce duplication and S3 costs, and increasing efficiency with auto content updates across all platforms.
- Collaborated with cross-functional teams to transform business requirements and ideas into high-quality products using Scrum.
- Integrated Sentry for real-time error tracking and web performance monitoring, enhancing reliability with immediate alerts and detailed reports.
- Implemented unit testing and end-to-end testing primarily using Jest and Cypress.

Associate Software Engineer, Bank OCBC Indonesia

July 2020 – June 2021

- Developed a self-service onboarding web app using React and TypeScript, enabling customers to seamlessly apply for bank products independently.
- Developed "One Notification" web app using React and Go, centralizing and monitoring notifications (email, SMS, WhatsApp, push) across platforms in real-time.
- Cached frequently accessed REST API data using Redis, improving average response time by 90%, from approximately 150ms to 15ms after caching.

Full-Stack Developer, Terra ID

November 2018 – June 2020

- Developed an Android app for a GPS-based tractor rental system, utilizing PHP for the backend and PhoneGap for the user interface.
- Integrated a third-party GPS service to monitor tractor usage and provide service reminders, ensuring precise cost calculation and usage limits.
- Provided direct training to farmers and tractor owners on how to use the app.

Software Engineer Internship, Mandira Mekar Agung Ltd.

January 2017 – August 2017

- Developed a transaction management program for a local tire store using Java for the backend and NetBeans IDE for the user interface.
- Improved transaction processing efficiency and transparency by converting the store's manual billing system into a digital receipt system.

Personal Website

davwebdev.com 

Skills

Programming Languages

Javascript, Typescript, HTML, CSS, Golang, PHP

Libraries & Frameworks

React, Next.js, Node.js, Redux, Vue, Nuxt, i18next, RxJS, Tailwind, styled-component, Emotion

Tools & Platforms

Git, Vercel, Docker, Webpack, S3, Jira, Figma


Database:

MySQL, Postgre, Redis, MongoDB, Firebase

Education

University of Surabaya

August 2014 – January 2019

Bachelor of Science in Computer Science, GPA: 3.51/4.0 

Awards

Best Wealth Manager - Digitally Empowering RMs

The Relationship Manager Application I developed won the 2024 Digital CX Awards 

Languages

- English (fluent)
- Japan (basic)

Interests

Web Development, Anime, J-pop, Football, Food, Dota 2