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Highlights

- Interests: **front-end, full-stack engineering, website performance optimizations, machine learning, and SEO**
- Programming Languages: **JavaScript, TypeScript, HTML, Python, Go, SQL**
- Technologies: **Next.js, React, Redux, Node.js, Hapi.js, Astro, Fiber, GraphQL, Jest, Tailwind CSS, Ant Design**

Experience

Glints, *Web Software Engineer*   June 2021 − Present

- Created an internal Content Management System for customizing SEO metadata tags and text using Next.js for the frontend and Node.js for the backend helping SEO specialists customize website metadata in the job marketplace
- Increased session and page relevancy based on keywords by using static URLs on the job explore page, increasing traffic on the page to be the most-visited page on the site
- Improved the website SEO and Core Web Vitals score by optimizing page structure, images, fonts, and third-party scripts, which increased Glints' job marketplace monthly organic traffic by approximately 100% year-over-year from July 2021 to August 2022
- Partnered closely with the SEO manager and the team to improve the website's search engine discoverability by conducting A/B testing, increasing internal linking, improving sitemaps, and improving page localization

Kulina, *Frontend Engineer*   November 2020 - June 2021

- Redesigned and implemented the marketplace's website page structures using Next.js for ~2000 daily active users
- Designed and built an administrator dashboard to monitor and modify information for food sellers and merchants using Next.js, Styled Components, and Jest
- Configured and provisioned CI/CD pipelines for deploying web applications on AWS Elastic Beanstalk to support the team's frontend website deployment process

Brodewijk, *Cofounder and Technical Lead*   October 2019 - November 2020

- Built and tested a web-based application for people to buy formal wear with a live-preview feature using ReactJS for the frontend, Laravel for the back end, and MySQL as a database
- Led a team of three engineers to design, implement, and test various portions of the website
- Collected and analyzed website data utilizing Google Analytics to enhance business performance
- Designed the application wireframe and prototype based on user research using Figma as a basis for creating a website
- Secured LPIK ITB's initial funding and incubation program by creating a compelling minimum-viable product

Technical Projects

Naflibox Learning Application, *React, Next.js, TypeScript, GraphQL, Strapi*
- Created an application over multiple iterations utilizing user feedback to showcase learning modules and classes for children using Next.js and Strapi which was used by ~200 people
- The application resulted in a high-performing score in PageSpeed Insights

RoboGrass, *Python, ArduPilot, Sensor Fusion*
- Designed and built a robotic system to exterminate wild grass which caught national media attention
- Developed the automated control system for the system using Python

Education

Bandung Institute of Technology, *Bachelor of Science*   2019
- Classes: Computer System Architecture, Control Systems, Microprocessors, Networked Systems, Robotics