- N U R U L U H K R O W I -

Full-stack Web Engineer

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Experienced Web Developer with a strong background in advanced web development. Skilled in creating user-friendly designs, optimizing website performance, and troubleshooting issues. Proficient in setting up, developing, testing, and maintaining web systems for smooth operation. Well-versed in technologies like Go, JavaScript, React.js, Svelte and PostgreSQL. Equally comfortable working independently or collaborating with teams to deliver high-quality projects.

PROFESSIONAL EXPERIENCE

PT. EDOT, Bandung, ID • **Front-end Web Developer**   *Jun 2022 – Jul 2023*

Leveraging React.js Material, I engineered a versatile component library, streamlining our development process and accelerating feature deployment. Crafting a secure and intuitive web application, I integrated modern front-end frameworks to ensure seamless user interaction. Through adept implementation of technologies, I facilitated smooth data exchange between front-end and back-end systems, optimizing overall functionality and user experience.

- 3 web apps and 1 mobile app were handled
- Developed front-end architecture that improved scalability and performance of the website
- Created a reusable component library for the web application using React.js material, resulting in faster development time for new features
- Developed a secure, interactive web application with a modern front-end framework and an intuitive user interface

PT. Idea Nusantara Cipta, Bogor, ID • **Senior Back-end Web Developer**   *Apr 2022 – Present*

Built a strong RESTful API that handles millions of daily requests, focusing on fast response times. My team and I optimized database queries and switched to a serverless setup, cutting costs and boosting performance, set up an efficient CI/CD pipeline to speed up deployments and created a secure authentication system that meets strict industry standards, keeping data safe and private.

- Developed a RESTful API that able to handle over million requests per day with response times as short as possible
- Accelerated over 65% the performance compared to the legacy app
- Simplified business processes by over 30%
- Boosted maintenance flexibility by over 50%
- Added 3 related and integrated web apps

PT. Astra International Tbk, Jakarta, ID • **Back-end Developer** *Dec 2021 – May 2022*

Revamped old code to make it more reliable, scalable, and easier to maintain. By fine-tuning database queries, I made the app run faster. Working closely with teams, I figured out what customers needed and found ways to meet those needs with tech solutions.

- Refactored legacy code to improve reliability, scalability and maintainability
- Optimized database queries to improve application performance and reduce response time
- Collaborated with cross-functional teams to identify customer requirements and develop technical solutions.

PT. PMG, Bandung, ID • **Freelance Front-end Developer** *Aug 2022 – Nov 2022*

Utilized Vue.js and other frameworks to craft engaging user interfaces. Ensuring compatibility across browsers and devices, I delivered a seamless experience for all users. Additionally, I boosted web page performance by minimizing load times, enhancing overall usability.

PT. BeIT Inovasi Tiwikrama, Bogor , ID • **Front-end Web Developer** *Jan 2020 – May 2022*

Designed and developed a user-friendly web application with a modern interface. Improving scalability and performance, I created a secure and interactive experience using Vue.js. The application incorporated responsive design principles for seamless use across devices.

- Developed front-end architecture that improved scalability and performance of the website
- Developed a modular, single-page web application in Vue.js that incorporated responsive design principles

PT. Idea Nusantara Cipta, Bogor, ID • **Back-end Web Developer** *Nov 2017 – Oct 2019*

Organized a microservices setup, making the system more flexible and less reliant on individual parts. I improved old code to be more reliable and easier to scale. Speeding things up, I optimized database queries for better performance. And, I streamlined costs by setting up a serverless structure.

PT. IndoVisual Presentatama, Jakarta, ID • **Full-stack Developer** *Feb 2016 – Nov 2017*

Crafted a full-stack web application with a contemporary user interface, driving increased user engagement through Angular. From backend services to frontend interfaces and databases, I developed web applications entirely from scratch. Leveraging Angular, I designed a modular, single-page web app with responsiveness at its core.

SKILL

- HTML, CSS, JavaScript

- Go, Node.js, TypeScript, WordPress

- SQL, PostgreSQL, MySQL

- Svelte, React.js, Flutter

- Version Control, Git, GitHub

- Web Development (Front-end, Back-end, Full-stack)

- Programming, Microservices

- Google Cloud Platform

- Containerization, Docker

- Communication, Collaboration, Attention to detail, Coordinating with others, Teamwork

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PROJECT

- **Client Management System for Car Showrooms** *Sep 2024 – Oct 2024*

A client management platform for car showrooms that simplifies searching for client details using criteria like police number, client name, or chassis number. The system includes features like a dashboard, user and vehicle management, finance tracking, data uploads, and notifications. Built with Go, Svelte, PostgreSQL, and Redis, the app leverages Redis to speed up vehicle searches. Additionally, I created a mobile version with Flutter, ensuring users can easily access the platform on the go, enhancing convenience and flexibility.

- **Rental Housing Management** *Oct 2021 – Jan 2022*

Managing the supply and demand of rental flats, private and public housing, with a primary mission to provide accessible housing solutions for low-income citizens. This platform aims to facilitate a seamless and user-friendly experience, allowing citizens to easily browse, booking, and rent houses that meet their needs and budget.

- **Omni Channel Management System** *Aug 2021 – Dec 2021*

Omnichannel solution that empowers businesses to deliver a cohesive and fully integrated customer experience across a variety of channels. With our platform, businesses can seamlessly connect and coordinate interactions with customers across multiple touchpoints, ensuring a unified and exceptional customer journey.

- **Meeting Room Management** *Aug 2019*

A mobile application serves as a comprehensive meeting management tool, offering features such as scheduling meetings, booking available meeting rooms, taking notes during meetings (MOM), inviting participants, and even extending meeting duration when necessary.

EDUCATION

Associate Degree • LP3I, Jakarta, ID
Graduation Year: 2016

Certificates Or Courses:

Aug 2022 • **Web Design for Web Developers: Build Beautiful Websites!** • *Udemy*

Feb 2022 • **Responsive Web Design** • *freeCodeCamp*

Jan 2022 • **Go: The Complete Developer's Guide (Golang)** • *Udemy*