Ridwan Taufik

FULL STACK DEVELOPER

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About Me

I am seeking a challenging position as a Developer in a dynamic organization where I can utilize my programming skills and passion for technology to contribute to innovative projects and drive impactful solutions.

Experience

Self-Employed Full Stack Developer (Remote)   **2024 - 2025**

- Developed custom web & desktop apps for diverse clients via Freelancer, Fiverr, and direct channels (WhatsApp, referrals).
- Specialized in modern tech stack :
    - Next.js, React, TypeScript, GraphQL, REST API, Prisma, Node.js, Express.js, Laravel, and Electron.
- Built real-time chat apps and video conferencing features using Socket.io and WebRTC.
- Designed sleek, responsive UIs with modern principles — focused on clean UX, dark/light themes, and mobile-first layouts.
- Implemented robust security :
    - JWT authentication, HTTP-only cookies, encryption & crypto encoding, session management, and ongoing security hardening.
    - Self-driven Security Engineer mindset, actively learning and applying best practices.
- Experienced in scalable GraphQL and REST API development.
- Active on GitHub : version control, project collaboration, and open-source contribution.
- Delivered solutions like :
    - Admin dashboards, POS systems, e-learning platforms, chat apps, automation bots, and offline-first desktop apps.
    - Built e-commerce websites, company profile pages, landing pages, information systems, data processing tools, video conferencing apps with screen sharing, and role-based user access control systems.

PT. Inovamedika Solusindo – Bandung | Full Stack Developer   **2023 - 2024**

- Built and maintained 5+ healthcare web apps daily using PHP (Yii) and PostgreSQL, ensuring performance and scalability.
- Developed and integrated RESTful APIs across critical modules :
    - patient registration, outpatient/inpatient, ER, HR, finance, insurance, dialysis, medical records, and BPJS.

- Spearheaded bug fixing, feature development, and UX improvements for apps like PPI, E-asuransi, SIMRS, and BPJS modules.
- Juggled 5–9 tasks/day based on hospital user requests: bugs, features, or improvements.
- Delivered solutions to 15+ hospitals across Indonesia, including :
  - RSSL Lamongan, RSWM Semarang, RSAWS Samarinda, RSIB Balikpapan, RSABE Papua, etc
- Tech stack : PHP (Yii), PostgreSQL, JavaScript, jQuery, AJAX, HTML/CSS, Socket.io, Git (GitHub/Bitbucket), Node.js.

PT. Astra Honda Motor – Jakarta | Operator leader & Robotic controller　　　**2019 - 2021**

- Oversaw and managed production processes, responsible for 3 manufacturing robots and 7 CNC machines, including 2 turning machines, 2 drilling machines, a leak tester, a boring machine, and a honing machine.
- Ensured the highest standards of quality control throughout the production process, focusing on optimizing efficiency and reliability of production robots.
- Coordinated all activities related to machine operations, successfully meeting a daily production target of 400 machines while adhering to strict safety and quality standards.
- Led a team within 6 members to troubleshoot issues and drive continuous improvement initiatives, enhancing overall production performance.

Education

Universitas Informatika dan Bisnis Indonesia, Sistem Informasi　　　**2021 - 2025**

I am currently pursuing a degree in Information Systems and am in the process of completing my final project (thesis). My thesis focuses on developing a Sales Information System for a cake UMKM using React.js and RESTful API with Node.js and Express.js. Throughout my studies, I have gained extensive knowledge and practical experience in various programming languages and frameworks, including C++, Java, PHP with Laravel and Yii, Dart with Flutter, Python, Data Mining, Data Visualization with Python, and RDBMS such as MySQL, PostgreSQL, and Oracle. These skills serve as a strong foundation for my career in software development and technology.

Skills & abilities

Front-End Development

- Tailwind, Bootstrap, HTML, CSS
- ReactJS, NextJS,
- Typescript
- Electron

Back-End Development

- JavaScript, PHP, Python
- NodeJS, ExpressJS
- GraphQL
- Laravel

Database

- PostgreSQL (PgSQL)
- MySQL
- Oracle

Version Control

- Git

API Development

- Restful API

Language Proficiency

English