

WILDAN NUR RAHMAN

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PROFESSIONAL SUMMARY

Full Stack Developer with 3+ years of experience building web and mobile applications using JavaScript, TypeScript, and modern frameworks like React, Next.js, Node.js, Express and NestJS. Proficient in blockchain development through hands-on experience with Solidity smart contracts, web3.js/WAGMI for DApp frontend integration, and IPFS for decentralized storage solutions. Skilled in building microservices and secure APIs, implementing CI/CD pipelines, and deploying containerized apps on cloud platforms like DigitalOcean with Kubernetes. Experienced in both SQL (PostgreSQL, MySQL) and NoSQL databases, with strong database design and performance optimization skills. Demonstrating strong cross-functional collaboration abilities, clear technical documentation, and continuous learning. Excels at translating complex problems into elegant, maintainable solutions in agile environments.

WORKING EXPERIENCE

PT. Inovasi Talenta Digital, South Tangerang

May 2024 – Mar 2025

Full Stack Developer

- Built large-scale, robust web & mobile applications using Next.js, Nest JS, Expo, and TypeScript with a focus on modular code architecture and performance optimization.
- Developed scalable microservices using NestJS framework, implementing modular architecture patterns that improved code maintainability and allowed for independent scaling of services based on demand.
- Implemented asynchronous processing using RabbitMQ message queuing system, reducing API response times by 40% and improving overall application responsiveness.
- Orchestrated containerized application deployment using Kubernetes on Digital Ocean.
- Developed comprehensive API documentation with Swagger/OpenAPI, improving developer onboarding time by 35%.
- Designed and implemented complex PostgreSQL database schemas and relationships, optimizing query performance for multi-tenant architecture while ensuring data integrity and implementing proper indexing strategies.
- Conducted code reviews and implemented unit testing practices that reduced production bugs, ensuring all code met quality standards before deployment.
- Collaborated across teams to integrate third-party APIs including Google Maps, optimizing usage through intelligent caching.

PT. Inovasi Talenta Digital, South Tangerang

Aug 2023 – Dec 2023

Intern Full Stack Web Developer

- Developed responsive web components using Next.js framework and TypeScript for client-facing applications.
- Designed and implemented RESTful APIs using Node.js and Express to enable seamless communication between front-end and back-end systems.
- Built and maintained API documentation using Swagger, improving developer onboarding and collaboration efficiency.
- Collaborated with design teams to transform UI/UX mockups and wireframes into fully functional web applications.
- Integrated Firebase authentication system supporting multiple providers (OAuth, email) to create a secure and seamless user login experience.
- Collaborated with senior developers to troubleshoot and resolve complex bugs in both front-end components and API endpoints.
- Participated in Agile development cycles, contributing to sprint planning and daily standups.

Google Developer Student Club, South Tangerang

Nov 2022 – Feb 2023

Front End Developer

- Developed engaging, mobile-responsive websites and cross-platform components using React.js, ensuring seamless experiences across mobile and desktop while aligning with client specifications.
- Collaborated with design teams to transform UI/UX mockups and wireframes into fully functional web applications.
- Implemented Git workflow practices to maintain code integrity and track development changes effectively.

Mini Club Developer, South Tangerang

Oct 2022 – Jan 2023

Intern Full Stack Web Developer

- Built dynamic and responsive web applications using React.js, optimizing performance and usability across various devices.
- Contributed to the development of RESTful APIs and created comprehensive API documentation, improving integration efficiency for frontend developers and reducing implementation time by 25%.
- Worked closely with UX/UI teams to refine user interfaces and enhance interactive features, ensuring an intuitive user experience.
- Leveraged Git for version control, facilitating seamless collaboration and efficient code management throughout the development lifecycle.

ORGANIZATION EXPERIENCE

ETHJKT (Ethereum Jakarta Community)

Oct 2024 – Present

Founding Member & Technical Contributor

- Served as a core team member in establishing the ETHJKT community, contributing to the organization's foundation and growth strategy.
- Contributed to organizing and executing "Ethereum Jakarta Introduction" event, helping to facilitate knowledge-sharing sessions about Ethereum ecosystem fundamentals.
- Supported the organization of "Devcon Satellite x ETHJKT" event, facilitating a local livestream viewing experience of Devcon Singapore for the Jakarta blockchain community.
- Served as a Mentor Assistant at Indonesia Hacker House for Manta and Solidity Workshop organized by Blockdev.id, providing hands-on technical guidance to participants learning blockchain development.
- Provided mentorship support at Monad 101 Event in partnership with Monad and Xellar, assisting developers in understanding Layer 1 blockchain architecture concepts, deploying smart contracts to the Monad network, and implementing interaction patterns.
- Assisted as an Educator at CampusHack workshop in collaboration with Blockdev.id at Universitas Indonesia, delivering technical guidance on blockchain fundamentals to university students.

EDUCATION

UIN Syarif Hidayatullah Jakarta, Indonesia

Aug 2020 – Feb 2025

Bachelor of Science, Information Systems

- GPA: 3.63/4.0.
- Thesis: Midtrans Payment Gateway Information System on E-commerce Development to Optimize Online Transactions Using RAD Method (Case Study: CV Karya Cipta Magnet).
- Relevant coursework: Web Development, Database Systems, Software Engineering, Cloud Computing.

ACCOMPLISHMENTS

ETH Tokyo Hackathon, Tokyo

Aug 2024

- Led frontend development for GigBlocks—a Web3-based freelance marketplace leveraging smart contracts for streamlined hiring.
- Won combined prize bounties totaling \$3,500 USD from ENS and Scroll L2 sponsors.
- Secured Scroll L2 main bounty prize, earning 2000 SCR tokens (valued at \$2,000 USD) for each team member.
- Won ENS sponsor bounty for best use case implementation, creating a subdomain system for freelancers that serves as a reputation mechanism.
- Leveraged Scroll's L1SLoad Precompile to bridge data from Layer 1 to Layer 2, successfully resolving ENS Domains using the Scroll network.

CERTIFICATIONS

HackerRank

- *Frontend Developer (React) – Jul 2024*
- *Problem Solving (Intermediate) – Jul 2024*
- *JavaScript (Intermediate) – Jul 2024*
- *JavaScript (Basic) – Jul 2024*
- *Problem Solving (Basic) – Jan 2023*

Udemy

- *Node JS: Beginner to Advanced – Feb 2025*
- *JavaScript Programming: Beginner to Advanced – Oct 2023*

Progate

- *Progate HTML & CSS Course – Feb 2022*

Microsoft

- *Introduction to Programming Using Python – Aug 2021*

LANGUAGES AND SKILLS

- Languages: Bahasa Indonesia (Native), English (Professional Working Proficiency).
- Frontend: React.js, Next.js, Vue.js, JavaScript, TypeScript, web3.js, WAGMI.
- Backend: Node.js, Nest.js, Express.js, RESTful APIs, GraphQL, RabbitMQ, Microservices.
- Database: SQL, NoSQL.
- Cloud & DevOps: Google Cloud, Digital Ocean, Kubernetes, Docker, CI/CD.
- Version Control: Git, GitLab.
- Blockchain: Smart Contract Development, Solidity, Move, Hardhat, Foundry, Chainlink, OpenZeppelin.
- Development Methodologies: Agile, RAD (Rapid Application Development), SCRUM.
- Professional Skills: Problem-Solving, Debugging, API Integration, Code Review, Technical Documentation, Project Management, Cross-Functional Communication, Continuous Learning.