

MISBAHUL KHOIRI

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Software Engineer experienced in building and maintaining production web applications across frontend, backend, and infrastructure. Skilled in TypeScript, React/Next.js, Go, PostgreSQL, Docker, and CI/CD, with additional background in cybersecurity and Linux systems.

EXPERIENCE

Frontend Developer, PT Wiratek Solusi Asia

Jul 2025 – Jan 2026

- Stepped in to stabilize a financial risk analysis platform, improving code stability, resolving major UI issues, and shipping core features that brought the project back on track within 1 month.
- Collaborated with backend engineers and designers in Agile sprints to deliver UI features and API integrations across multiple modules.
- Improved frontend performance through lazy loading, memoization, and code splitting, reducing initial load time and rendering overhead by ~30%.

Tech stack: Next.js, React Flow, JavaScript/TypeScript

IT Engineer Intern, PT Wiratek Solusi Asia

Feb 2025 – Jun 2025

- Performed manual testing on a web application and reported 100+ bugs to the development team.
- Contributed to the development and testing of a financial risk analysis system and document approval system.
- Conducted penetration testing on a backend service, identifying and reporting over 5 security vulnerabilities rated medium to high risk.

Tech stack: Next.js, React Flow

Software Engineer, Teaching Factory JKB @Politeknik Negeri Cilacap

Aug 2023 – Apr 2024

- Designed and maintained a document approval system using Next.js, PostgreSQL, and Redis.
- Managed full deployment lifecycle for web applications including CI/CD pipelines and containerization.

Tech stack: Next.js, PHP, PostgreSQL, Redis

Freelance Web Developer, Self-Employed

Jan 2021 – Present

- Built and maintained web applications for different clients, covering frontend, backend, and deployment.
- Delivered various client projects, including a digital gaming credits platform, retail management system, school admission system, and transformer analysis web application.

Tech stack: Next.js, SvelteKit, Vue.js, Go, ASP.NET, SQL Server, Docker

EDUCATION

Politeknik Negeri Cilacap, BAppSc in Cybersecurity Engineering

Jul 2022 – Jul 2026

Activities and Society

- Represented my college at regional and national-level competitions.
- DevOps Division Lead at Programming Club.
- Programming Division Member at Robotics Club.
- Study Jam Mentor, mentoring students in web programming and DevOps.

SKILLS AND INTERESTS

- **Programming:** TypeScript/JavaScript, Go, PHP, C#, Node.js, React, Next.js, Svelte/SvelteKit, Laravel, ASP.NET
- **Data & Infrastructure:** PostgreSQL, MySQL, SQL Server, Redis, Docker, CI/CD, Linux, Git, Cloud
- **Security:** Penetration Testing, Network Security, Web Application Security
- **Languages:** Indonesia (Native), English (Basic proficiency)