

DONI WICAKSONO

Full-stack Developer

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SUMMARY

Full-stack developer working solo. I handle frontend to infrastructure because I move faster when the whole system is one person's responsibility. My primary stack centers on React and TypeScript, complemented by modern tools like Hono and Mastra for specialized AI agent development. Deployed on Cloudflare Workers and AWS. Rapid prototyping is my strength. AI integration and edge/serverless functions are where I currently focus, specifically multi-agent systems and deterministic control flow where tool selection, state management, and predictable execution matter. I work best on projects where continuity matters and you want one person who owns the entire architecture.

EDUCATION

Bachelor of Software Engineering
Telkom University
GPA: 3.89/4.00
Relevant Coursework: Web Development, Data Structures, Algorithms, Databases, Software Testing, Software Quality Assurance, Software Requirements Engineering.

Sep 2021 - Aug 2025
Purwokerto

EXPERIENCE

Web Design Intern
PT Malaka Teknologi Indonesia

Mar 2025 - May 2025
Jakarta

- Built web pages from Figma prototypes, ensuring a seamless user experience.
- Designed and built a complete landing page for the company, adding key sections like pricing tables and testimonials to increase user engagement and drive conversions.
- Redesigned a government site homepage for easier public access to key information.

FEATURED PROJECTS

JustHireMe | [Live Demo](#)

Jul 2026

- Built a React SPA with a Cloudflare Workers backend. Integrated Gemini and Jina APIs to analyze job postings, utilizing Cloudflare KV with SHA-256 hashing to cache responses and reduce API costs.
- Enforced dual-layer IP rate-limiting (KV + localStorage). Developed a concurrency control queue to cap outbound third-party API requests to 3 concurrent calls.
- Designed an automated KeyRotator for Gemini API keys with cooldown fallbacks to maintain high availability. Prevented SSRF by filtering loopback and private IP ranges at the gateway.

GeoScout | [Live Demo](#)

Jun 2026

- Re-engineered the backend & frontend onto TanStack Start, React 19, Vite 8, and Nitro v3, enabling fast server-side rendering and edge deployment via Cloudflare Pages.
- Designed a dual-layer defense architecture featuring fuzzy city name normalization with 24h LRU report caching for instant responses alongside a rolling window IP rate limiter.
- Achieved 100/100 Accessibility, 100/100 SEO, and 100/100 Agentic Browsing Lighthouse scores with strict Zod validation, robust streaming response handlers, and zero-layout-shift UI polish.

word-popup | [GitHub](#)

Oct 2025

- Engineered a cross-browser userscript with advanced DOM traversal and color detection algorithms.
- Implemented intelligent adaptive theming system that dynamically detects and matches website color schemes with semi-transparent overlay handling and fallback chains.
- Optimized performance through strategic debouncing, word caching, and DOM reuse patterns while integrating a free API, resulting in minimal performance impact across all websites.

MindEase | [GitHub](#) | [Live Demo](#)

Jun 2025

- Used Next.js for server-side rendering and React for building user interfaces, ensuring a seamless and responsive user experience.

- Utilized shadcn/ui for styling components, achieving a visually appealing and consistent design across different devices and browsers.
- Conducted end-to-end testing using Playwright, significantly improving application stability and minimizing user-reported issues.

TECHNICAL SKILLS

- **Languages:** JavaScript, TypeScript
- **Frontend:** Tailwind CSS, React, TanStack Start, Astro, Svelte
- **Backend:** Bun, Hono, Mastra, REST, GraphQL
- **Infra:** Cloudflare, AWS
- **Testing:** Vitest, Playwright
- **DBs:** Turso, Neon, pgvector, Qdrant, Drizzle ORM
- **DevOps:** Linux, Git, Bash, Docker, GitHub, GitHub Actions
- **Design:** Figma, Balsamiq, Google Stitch
- **Editors:** OpenCode, Zed

CERTIFICATIONS

English Proficiency Test Details Telkom University Language Center	Mar 2025
● Achieved B1 English level	
Full-stack Web Development Details MSIB x LearningX	Aug 2023 - Dec 2023
● Ranked in Top 5 of 180 students	