Maxthomas Murray

Bangkok, Thailand | +66 64 650 4306 | maxmurr.m@gmail.com
github.com/maxmurr | linkedin.com/in/maxmurr | maxmurr.com

PROFESSIONAL SUMMARY

Software Engineer with experience in React, TypeScript, and modern web architecture. I build fast, maintainable solutions using high-quality standards and test-driven development in mind. I am always learning new technologies to solve real-world problems.

WORK EXPERIENCE

Freelance Software Engineer   **Jul 2023 – Dec 2023**

- Designed and launched a hotel PMS for Mixay Paradise hotel in Laos. This helped staff manage bookings and room status more efficiently and cut monthly accounting time by about 80% (from over 10 hours to 2 hours). I improved bookkeeping accuracy and staff productivity. I also built an internal design system with Tailwind CSS and Radix UI to speed up UI development, and set up data models, migrations, and APIs with Prisma and Next.js to make feature rollouts faster.

Software Engineer Contractor, Innovative Extremist   **Oct 2023 – Apr 2024**

- Built reusable components and improved code readability for the "Property Perfect" real-estate platform. I also integrated third-party APIs, making it easier to add new features and connect with other systems in the future.
- Improved web performance by reducing the bundle size by about 30% (by switching from Redux to Zustand), adding route-level lazy loading, and using image preload techniques to lower LCP. These changes made the site load faster and helped keep more visitors on the platform.

Junior Software Engineer, Innovative Extremist   **May 2024 – Dec 2024**

- I taught myself Angular and built "byteark-player-angular," a video player library using Video.js for ByteArk. I integrated streaming services in two weeks and made the library compatible with more partners. This opened up new customer opportunities and expanded ByteArk's market reach.
- Developed and launched the UI for "Playboard" with Next.js and Tailwind CSS. I added support for custom domains and subdomains, which gave customers more control over their brands and helped them launch faster. This improved customer satisfaction and made deployments quicker.

Mid-level Software Engineer, Innovative Extremist   **Jan 2025 – Present**

- Built the Local Election '68 results site for the Thai PBS. I utilized Next.js and advanced routing to create a fast and reliable site, supporting live newsroom use and handling over 200,000 peak visitors. This ensured that results coverage ran smoothly and increased viewer trust during busy periods.
- Designed and built an AI chat app that securely connects to enterprise databases using open-source models. I optimized the retrieval and response pipelines with Next.js and Typescript to provide fast answers. The tool was demoed to clients, which led to strong interest and new business leads.

SKILLS

Languages: HTML/CSS, TypeScript, JavaScript, Python
Frontend: React, Next.js (SSR/SSG), Tailwind CSS, Zustand, TanStack
Backend/Tooling: Node.js, Bun, Fastify, Hono, Drizzle ORM, Prisma, AI SDK
DevOps/Testing: Docker, Kubernetes, GitHub Actions, CI/CD, Cypress, Playwright, Vitest
Other: Responsive Design, Web Performance Optimization, Design Systems, AI Agents Development

EDUCATION

Bachelor of Science in Computer Science, Kasetsart University