Saad Tarhi

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Senior Software Engineer with deep expertise in front-end development (React, TypeScript, Next.js) and a proven history of delivering on the backend (PHP, Python). Eager to tackle new challenges in a full-stack capacity, with a strong interest in building products with Node.js and Python in a remote-first, async-friendly environment.

SKILLS

Frontend: React, Next.js, TypeScript, JavaScript, Redux, HTML/CSS, Tailwind CSS

Backend & Tools: Node.js, Python, PHP, Express.js, SQL, REST API Design, Git, GitHub Actions (CI/CD), Docker, Playwright, E2E Testing, Project Leadership, Mentoring

EXPERIENCE

Automattic – *Software Engineer* | Remote | Dec 2021 – Jan 2024

- Initiated and led a pivotal research spike on plugin compatibility, delivering a key feature that programmatically warns merchants of incompatible payment gateways to prevent potential revenue loss.
- Drove a large-scale state management refactoring (React Context to @wordpress/data) by devising an innovative sequential PR workflow, significantly improving code quality and third-party extensibility for the WooCommerce ecosystem.
- Spearheaded the E2E test suite migration from Puppeteer to Playwright, personally resolving critical CI/CD integration blockers post-merge by collaborating with the QA team to ensure a successful transition.
- Contributed significantly to backend (PHP) and frontend development, diagnosing and resolving complex bugs, including a critical internationalization issue that required debugging across the WordPress, WooCommerce, and Gutenberg codebases.

CH Group – *Senior Front-End Engineer* | Remote | May 2020 – Dec 2021

- Architected the frontend for an inventory system (LegitCheck Organizer) using React and Redux, designing its complete API contract to enable features like real-time chat (Socket.IO), payment processing (Stripe), and custom data visualizations.
- Built and launched a searchable icon library for Notion, migrating it to Next.js to dramatically improve SEO and performance.
- Mentored junior developers and participated in the hiring process, including creating technical tests and evaluating candidates to grow the engineering team.

PROJECTS

Personal Development | Jan 2024 - Present

- **Full-Stack Kanban App:** Architected a full-stack application featuring a Node.js/Express REST API and a React/TypeScript frontend to deepen backend expertise.
- **macOS Voice-to-Text App:** Developed a native macOS app leveraging Python and OpenAI's Whisper API for efficient local voice transcription.
- **Personal Portfolio (saadtarhi.com):** Designed and deployed a personal portfolio using Next.js, Tailwind CSS, and TypeScript.

ADDITIONAL EXPERIENCE & EDUCATION

Prior experience includes roles as a Freelancer (2019-2020 & 2015-2017) and Web Developer/SEO specialist at Groupe Confiance (2017-2019). Education: Bachelor's Degree in Computer Engineering, Ibn Zohr University.