

Mahdi Saadat

Full Stack Developer | Hardwick, Vermont, USA | US Citizen | (415) 368-7981 | mahdi.saadat.work@gmail.com | www.BlackLeadPencil.com | linkedin.com/in/matteo-saadat

Profile Summary

Experienced Senior Full-Stack Engineer with over 10 years of success designing, building, and delivering responsive, scalable web applications across both modern and legacy stacks. Skilled in React, Next.js, PHP, and Laravel, with a strong foundation in Node, JavaScript (ES6+), TypeScript, and intuitive UI/UX design. Experienced in architecting Laravel + React/Next.js SaaS platforms from concept to production – including a real-world SaaS for "Online Competition Platform" and a custom "AI-powered Chatbot System" built with modern frameworks and LLM integration.

Adept at transforming outdated codebases into modular, maintainable systems while implementing full-stack functionality, REST APIs, and CI/CD pipelines. Experienced in AI-assisted development using GitHub Copilot, Cursor and LLM prompting – architecting, refining and debugging AI-generated code into clean, scalable production software. Known for taking ownership, solving complex problems, and consistently delivering stable, production-grade products used in real environments.

Work Experience

Black Lead Pencil

Freelance Full-Stack Developer & UI/UX Designer

Vermont/New Hampshire, USA

May 2011 - Present

- Delivered full-stack and front-end solutions for small businesses, artists, and entrepreneurs
- Built PHP/Laravel + React/Next.js SaaS platforms with reusable component systems, CMS tools, and admin dashboards
- Designed visual branding assets such as logos, illustrations, and animations, balancing visual creativity with UX clarity
- Built responsive websites and mobile-friendly layouts with a focus on accessibility and performance
- Focused on UX, A11y, performance, and usability across platforms
- Architected modern UI systems using Sass, JavaScript, and reusable component design principles
- Handled end-to-end delivery including planning, prototyping, coding, testing, and deployment
- Collaborated directly with clients on requirements gathering, product direction, and continuous improvement
- Leveraged Generative AI tools to accelerate prototyping, boilerplate generation, and visual asset creation
- Built a custom pipeline for converting AI code suggestions into reusable, scalable components
- Refined and debugged AI-generated code to meet production standards, improving delivery speed
- Used AI tools to prototype UI/UX solutions, test edge cases, and accelerate complex workflows

Nextmark Inc.

Senior Front End Software Engineer

New Hampshire, USA

May 2015 - Feb 2025

- Led front-end architecture for Bionic, a large-scale media planning SaaS platform used by 100+ advertising teams
- Engineered scalable UI systems using modular Sass, component libraries, and hierarchical view structures
- Rewrote 14,000+ lines of CSS into an inheritable Sass system, blending artistic clarity with scalable, maintainable UI.
- Reduced initial load time from 9s to <5s by caching and preprocessing bulk HTML files—an elegant speed-up that made performance feel effortless.

- Improved developer experience and velocity by proactively frontloading UI assets before each release cycle, reducing bottlenecks and raising team confidence — an effort that directly contributed to receiving a raise
- Modernized 50+ legacy pages into maintainable component based architecture, improving code reuse and team velocity
- Built pagination and bulk-edit systems to optimize data-heavy workflows
- Contributed to UX planning, user workflows, and design refinement in partnership with the design team
- Collaborated in Agile sprints with product, QA, and backend teams
- Mentored junior developers and contributed to cross-team technical alignment

MYSys Inc.

Vermont, USA

Software Developer Intern

May 2014 - Jun 2015

- Built internal tools and UI features for MISys Enterprise (ME), an industrial manufacturing ERP platform
- Developed AngularJS + HTML5 framework to document the public API
- Integrated Google Drive and Dropbox APIs to allow users to attach cloud-based files to application records
- Designed and implemented a messaging system using Elgg, enabling user-to-user collaboration
- Automated marketing-to-CRM data transfers via API scripts, improving team efficiency
- Integrated Stripe payment processing for online invoicing and payments
- Contributed prototypes and improvements used across operations and customer-facing modules

Education

Vermont Technical College

May 2015

B.S. | Software Engineering

Randolph, VT

Skills

Libraries & Tools: React · Next.js · Redux · JQuery · AngularJS · Node.js · Tailwind · MUI · Styled Components · WordPress

Languages & Frameworks: PHP · Laravel · JavaScript (ES6+) · TypeScript · HTML5 · CSS3 · Sass · Python · SQL · JSX · JSON

AI Tools & Workflows: Cursor · GitHub Copilot · ChatGPT/OpenAI · LLM Prompting · Prompt Engineering · AI Code Generation · AI-Assisted Debugging · Automated workflows

Testing & Debugging: Postman · Jest · Jasmine · React Testing Library · Chrome DevTools · Lighthouse

DevOps & Workflows: Git · Github · CI/CD · Npm · Vite · Webpack · Composer · FTP Deployment

UI/UX Design: Intuitive UX · Responsive Design · A11y (Accessibility) · Figma (basic) · Design Systems · Prototyping · Wireframing · User Flows · Mockups · user testing · Empathy · Artistic Design

Soft Skills: Adaptable · Mentorship · Agile Scrum · Continuous Learning · Problem Solving · Time Management · Cross-team Collaboration · Product Ownership · Self-Starter · Client Communication

Languages Spoken: English (Fluent) · Italian (Fluent) · Farsi (Native)