Louis Adriano

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Summary

Dynamic Full-stack Developer with 1 year of experience specializing in responsive web development using Next.js, TypeScript, and Tailwind CSS. Developed custom React components, leading to an optimized 95+ PageSpeed Insights score through advanced SEO strategies. Seeking to leverage technical acumen and innovative design skills in a challenging environment to drive user engagement and streamline web solutions.

Skills

Languages: TypeScript, JavaScript, Python, SQL, Java, PHP, HTML, CSS

Frameworks: Next.js, React (Hook Form, Zod), Tailwind CSS, Bootstrap, Node.js

Tools & Platforms: Vercel, Git/GitHub, AWS, Jira, Slack, PhpMyAdmin, Linux Bash

Concepts: SEO optimization, SSR, responsive design, authentication, cloud apps, big data basics

Methodologies: Agile, Scrum, IT project management, cross-team collaboration, problem solving

Experience

TLA IT   Sydney, New South Wales, Australia · Hybrid
Full-stack Developer   *May 2025 - Present*
- Developed responsive corporate website using Next.js 14, TypeScript, and Tailwind CSS with server-side rendering, component-based architecture, and cross-browser compatibility.
- Built 8+ custom React components with intersection observer animations, scroll-based navigation, mobile-responsive UI using shadcn/ui design system, and optimized image handling across 7 main sections.
- Implemented comprehensive SEO optimization achieving 95+ PageSpeed Insights score, including meta tags, Open Graph protocols, structured data markup, and performance optimization for improved search engine visibility.
- Integrated RESTful API endpoints with secure authentication and error handling, streamlining data flow between front-end and back-end services to enhance reliability and user engagement.

AusBiz Consulting   Sydney, New South Wales, Australia · Hybrid
Full-stack Developer Intern   *November 2024 - February 2025*
- Architected and developed a fullstack web application using Next.js 15, Node.js, and TypeScript, demonstrating proficiency in modern JavaScript frameworks and typesafe programming.
- Engineered secure authentication and third-party integrations, including Google OAuth and Google Maps API, reducing login time by 40% and improving location-based service accuracy by 25%.
- Leveraged React ecosystem technologies such as React Hook Form and Zod for robust form handling and data validation, improving overall data integrity and user experience.
- Deployed and managed the application on Vercel, gaining hands-on experience with cloud platforms and continuous deployment practices in a production environment.

Project

Ausbiz Consulting | *Healthcare Referral Management System*
github.com/louis-adriano/healthcare-referral-management-system   November 2024 - February 2025
- Developed a secure, web-based Healthcare Referral Management System using Next.js 15, TypeScript, and Tailwind CSS to streamline patient referral creation, tracking, and management, reducing manual processing time by 40%.
- Implemented multi-step referral forms with real-time validation (React Hook Form, Zod) and Google Maps API autocomplete to improve data accuracy and submission speed.
- Built a management dashboard with filtering, search, pagination, and detailed referral views supporting status updates, notes, and JSON output.
- Integrated NextAuth.js with Google OAuth for secure authentication and added a real-time notification system for referral updates.
- Delivered a responsive, mobile-friendly UI with efficient navigation, achieving a seamless user experience across devices.

Education

Bachelor of Information Technology, Web and Mobile Application Development   Sydney NSW
Victoria University • Minor in ICT Management   *October 2026*
- Awarded the "Block Star" Award or highest grade point average for the Software Engineering subject unit.

Diploma of Information Technology   Sydney NSW
Victoria University • 3.75 GPA   *September 2024*
- Proficient in Python programming, web development (HTML, CSS, WordPress, Bootstrap), and database management using SQL and PhpMyAdmin.
- Experienced with Linux Bash Shell, Unix scripting, OS architectures, and web application/server management with PHP and frameworks.
- Skilled in IT project management, including requirements planning, risk management, and scope control.

References

Nathan Houison
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