Mirko Buttazzo

Full Stack Developer

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About me

I am a full stack developer with a strong passion for crafting innovative technology solutions that enhance people's lives.

My goal is not only to design applications, websites, or administrative systems that are functional and efficient but also to ensure they are visually appealing and easy to use.

I believe good software should not only solve problems but also provide a pleasant and quality user experience, helping to simplify complex processes and make technology accessible to everyone.

Languages

- Italian: native
- English: B2 – Upper-Intermediate

Skillset in practice

WordPress & PHP development

- Creating and custom plugins.
- Setting up WPML for multilangual websites.
- Using URL rewriting to create custom routes
- Backend development in PHP to support Wordpress functionalities and custom integrations
- Proficiency with popular page builders such as Elementor and WPBakery, enabling the creation of highly customizable and visually appealing websites.

Web development

- HTML – Structuring and semantic markup for web pages.
- CSS – Styling and responsive design for cross-device compatibility.
- JavaScript – Creating dynamic and interactive user experiences.
- jQuery – Streamlining DOM manipulation, animations, and AJAX functionality.

SEO & Website optimization

- Optimizing website structure, internal linking, and metadata for search engine crawlers.
- Implementing schema markup (structured data) to improve SERP visibility.
- Improving website performance through techniques like caching, image optimization, and minification.
- Knowledge on how to write SEO-friendly content and optimizing keywords, headings, and meta descriptions.
- Enhancing site speed by leveraging tools like Google PageSpeed Insights and Lighthouse.
- Ensuring mobile responsiveness and compatibility with search engine guidelines.
- Optimizing resources such as CSS, JS, and images for faster load times and improved search engine rankings.

API development & System integration

- APIs tailored for websites, administrative panels, and mobile applications.
- Seamless integration with external databases, third-party APIs, and systems.
- Building authentication systems, such as JWT-based secure mechanisms.

Flutter - Mobile development

- Implementing social login authentication (e.g., Google, Facebook, Apple ID)
- Integration of payment gateways and management of subscription models for in-app purchases
- Adding advertising banners and ad networks (e.g., Google AdMob) to monetize apps
- Creating seamless and user-friendly interfaces while maintaining optimal performance across devices

Linux & Server management

- Server setup, maintenance, and optimization for high performance
- Managing database migrations and backups
- Configuring and maintaining secure and scalable environments for web and application hosting
- issuing and managing SSL certificates using Certbot, ensuring secure HTTPS connections for web servers and maintaining compliance with modern security standards.

Compliance with GDPR Regulations

- Setting up mechanisms to manage and document user consent
- integrating tools to block third-party cookies until explicit consent is provided

E-commerce solutions

- WooCommerce - Customization, plugin development, and performance optimization for WordPress-based stores
- Shopify - Creating custom plugins and themes using Liquid, as well as enhancing navigation and performance for large-scale stores

UI/UX design

- Strong expertise in designing intuitive user interfaces and experiences for websites, applications, and administrative tools, ensuring usability and functionality
- Proficient in using Figma for designing and prototyping user interfaces, creating interactive mockups, and collaborating effectively with teams for seamless design handoff.

Cybersecurity

- Implementing secure authentication and data encryption mechanisms
- Protecting APIs and web applications against common vulnerabilities (e.g., SQL injection, XSS)
- Monitoring and maintaining server security to prevent unauthorized access or breaches
- Skilled in performing vulnerability assessments to identify and mitigate potential security risks in web applications and server environments

Additional skills

- Rapid adaptability to new tools and technologies to address complex challenges