Alejandro Guerrero

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Full-Stack developer with solid knowledge in Laravel, JavaScript and modern technologies. I have applied best practices in development, optimization and security, focusing on efficiency, robustness and software quality.

WORK EXPERIENCE

Cucei Mobile   **Guadalajara, Mexico**
Internship - Full-Stack Developer   *March 2024 – September 2024*

- Optimized systems based on PHP, Laravel and Angular achieving a 30% application performance increase by optimizing SQL queries, removing redundant code in the backend and frontend, and implementing efficiency-oriented development best practices.
- Encouraged effective team collaboration by using GitHub for code management and adopting the IEEE 1471 standard to document the software architecture in a clear and structured way. In addition, I also implemented Microsoft To Do for prioritized task organization and ticket tracking, improving traceability and team productivity.
- Developed solutions using the latest technologies such as Python Flask and Angular, optimizing the installation and deployment process in various production environments, which allowed speeding up deliveries and ensuring an agile transition between environments.
- Developed detailed and user-friendly technical documentation on workflows and system architectures, easing the onboarding of new developers.

Digital Workshop™ Mx   **Guadalajara, Mexico**
Internship - Full-Stack Developer   *August 2023 – January 2024*

- Participated in the development of a CRM system, learning and applying best practices with Laravel and JavaScript. This allowed me to contribute with clean and scalable code, improving functionality and efficient customer management.
- Designed and developed the metrics section of a CRM system using Laravel and JavaScript, including an interactive panel for automatic report generation. This functionality facilitated the analysis of key data, optimizing customer management and supporting strategic decision-making.
- Improved the security of a Laravel application by using secure password hashes with bcrypt, configuring protected redirects and adding measures such as content security policies (CSP) to prevent cyber attacks. These actions reduced risks and strengthened the protection of user data.

EDUCATION

UNIVERSIDAD DE GUADALAJARA (University of Guadalajara)   **Guadalajara, Mexico**
IT Engineering   *Julio 2024*
Honors: Academic excellence

SKILLS

- **Professionals:** Front-End Development (Angular, JavaScript, TypeScript, HTML, CSS and Bootstrap), Back-End Development (Laravel, PHP and SQL), Source Code Management (Git and GitHub), and Technical Documentation of technology projects.
- **Soft skills:** Teamwork, quick learning and adaptation to new challenges.