Marcos Reyes Martínez

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Profile

I am an independent Full Stack developer and systems administrator with experience across the full SDLC (Software Development Life Cycle), from requirements gathering to cloud and VPS deployment and maintenance.

I work with Agile methodologies (Scrum and Kanban), sprint planning, technical leadership, and mentoring, building solutions for SMEs focused on optimization, security, software quality, and continuous improvement based on metrics.

Education

TNS   **Duoc UC - San Bernardo Campus**, Computer Programming Analyst   San Bernardo, Chile
      Mar 2022 – June 2025
- Thesis Portfolio: TurnoMaster Project
    - Shift management system for SMEs in SaaS format. Final grade 7.0

Experience

LastDon Internship Center, Full Stack Developer / Project Director   Remote
Dec 2024 – Feb 2025
3 months
- Technically led a team of 5 developers (Front-End and Back-End), orchestrating work with Agile/Scrum, Kanban, and weekly sprints to build an inventory and sales platform with React, Laravel, and MySQL.
- Architected a decoupled monolith (React + Laravel + MySQL), removing bottlenecks and reducing load times by approximately 30% through query and component optimization.
- Deployed the application on Hostinger, configuring server, database, and SSL, reducing time-to-production by 40% with standardized release processes.
- Implemented GitHub Flow best practices (branching, Pull Requests, code review) and provided technical mentoring in PHP/Node.js, accelerating team onboarding by 50%.
- Collaborated on technical documentation and user manuals, increasing platform feature adoption and reducing reported usage incidents by 25%.
- Managed team operational communication through a Discord server, improving daily coordination and technical blocker resolution (troubleshooting).

Projects

Reyes&Friends   Online
Jan 2025
Web development and IT services platform.
- Implemented a decoupled monolithic architecture with React + TailwindCSS (Front-End) and Flask (Back-End), following SDLC practices and GitHub version control.
- Deployed on VPS infrastructure with Docker and service containerization, reducing deployment times by approximately 35%.
- Domain and SSL certificate management.
- Implemented security filters and forms protected with Cloudflare Turnstile and re-CAPTCHA, reducing invalid automated submissions by over 80%.
- Delivered responsive design and SEO optimization, improving initial load performance by around 25%.

ReyesHosting Online

Jan 2026

Hosting platform for video games like Minecraft, with a custom admin panel.

- Developed an E-commerce platform with Laravel, TailwindCSS, and Livewire, focused on scalability and service-oriented architecture.
- Integration of payment gateways such as Webpay and Stripe.
- Automated game server provisioning on VPS through Bash scripts and CI/CD workflows, reducing provisioning time by 60%.
- Implemented user, plan, and billing management with standardized processes and operational traceability.
- Implemented technical support via tickets and live chat, improving average first-response time by 40%.
- Optimized performance and system scalability through continuous monitoring and infrastructure tuning.
- Design of an intuitive and attractive user interface.
- Implementation of security measures to protect user data and transactions.
- Continuous maintenance and updates to ensure optimal system operation.

Certificates_and_Awards

- SOFTWARE ARCHITECTURE - Duoc UC (2025)
- DATA MODEL ANALYSIS AND DEVELOPMENT - Duoc UC (2025)
- SOFTWARE PROGRAMMING - Duoc UC (2025)
- SOFTWARE QUALITY - Duoc UC (2025)
- ANALYSIS AND PLANNING OF IT REQUIREMENTS - Duoc UC (2025)
- INTERMEDIATE ENGLISH INTERNATIONAL - Duoc UC (2025)
- Basic Principles of Internet of Things - Sence (2025)
- Programming with JavaScript - Sence (2025)

Skills_and_Competencies

Programming Languages and Scripts: Python, PHP, HTML, CSS, JavaScript, TypeScript, SQL, Bash, Dockerfile, Yaml, JSON, CSV, Markdown, Arduino

Frameworks and Libraries: React, Laravel, Flask, Django, TailwindCSS, Livewire, Bootstrap, Vue.js, Node.js, FastAPI

Methodologies and Management: Agile, Scrum, Kanban, Sprints, SDLC, Technical Leadership, Mentoring, Problem Solving, Troubleshooting

Testing and Quality: Unit Testing, Integration Testing, TDD, Jest, PHPUnit, PyTest, Software Quality, Code Review

Infrastructure and Tools: Apache, Nginx, Linux (Ubuntu, Debian, RHEL, Arch), VPS, Cloudflare, SSL, DNS, Git, GitHub, GitHub Actions, CI/CD, RESTful APIs, Docker, Containerization, Virtualization, Bash Scripting, System Administration, Reverse Proxy, Web Security, SEO, Microservices Architecture

Databases: MySQL, MariaDB, SQLite, Oracle Database, Cassandra, MongoDB

Platform Implementation: AWS S3, AWS EC2, Hostinger, WebPay, Stripe

Networks and Security: Fortinet, Fortigate, Firewalls, VPN