Gerson Lamela

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🌐 **Website:** https://gersonlamela.vercel.app/

ABOUT ME

From the age of 14, my passion for digital technologies began with programming simple games, which evolved into specializing in **full-stack software development** across web, mobile, and desktop platforms. This journey has given me both a creative problem-solving mindset and a rigorous understanding of the **software development lifecycle (SDLC)**, allowing me to thrive in diverse technical environments while prioritizing performance, usability, and scalability.

Technical Expertise:

- **Frontend & Backend Development:** Extensive hands-on experience with **JavaScript/TypeScript**, including modern frameworks like **Node.js, React.js, Next.js, React Native, and Vite** for building responsive, high-performance applications.
- **Database Management:** Proficient in **relational databases (MySQL, SQLite, PostgreSQL)** and **NoSQL (MongoDB)**, with optimized query design for efficiency.
- **DevOps & Tools:** Practical knowledge of **Docker and Kubernetes** for containerization, alongside **Git** for streamlined version control and collaboration.
- **UI/UX & Testing:** Skilled in designing intuitive interfaces with **Figma** and ensuring code reliability through **unit/integration testing (Jest)**.

WORK EXPERIENCE

🏢 ***MULTI-DI - Conquistagadget, Lda.*** – Vila Nova De Gaia, Portugal

City: Vila Nova De Gaia | **Country:** Portugal

Web Developer (Internship)

[06/04/2021 – 22/07/2021]

- Management and control of company website content
- Website code optimization
- Development of an online sales website (E-commerce)
- Support in creating new digital content
- Database management
- IT and digital support

EDUCATION AND TRAINING

Multimedia Engineering

ISTEC – Instituto Superior de Tecnologias Avançadas – Porto [04/10/2021 – 26/07/2024]

Address: R. de Silva Tapada 115, 4200-501 Porto (Portugal) | **Website:** http://istec-porto.pt/ | **Field(s) of study:** Information and Communication Technologies: ● Information and Communication Technologies (ICTs) not further defined | **Level in EQF:** EQF level 6 | **NQF Level:** Licenciatura | **Type of credits:** ECTs | **Number of credits:** 180

- Development of multimedia systems
- Production of interactive content for e-learning
- Programming of web applications

- Design and development of web systems, namely e-commerce and Learning Management Systems (LMS)
- Development of applications in 2D/3D graphic animation
- Development of graphical interfaces for video games
- Development of applications for mobile devices

Multimedia Technician

IPTA - Instituto Profissional de Tecnologias Avançadas [12/09/2018 – 22/07/2021]

Address: R. de Silva Tapada 115, 4200-501 Porto (Portugal) | **Website:** http://www.ipta.pt/ | **Field(s) of study:** Information and Communication Technologies: ● Information and Communication Technologies (ICTs) not further defined | **Level in EQF:** EQF level 4 | **NQF Level:** 12° Ano

- Development of interactive multimedia products
- Capture, digitisation, and processing of images, audio, and text
- Editing content aimed at creating communication solutions (informative and entertaining)
- Content integration using authoring tools
- Multimedia application programming
- Animation of objects for multimedia applications
- Design of multimedia content
- Web and Mobile programming

Discover Marathon

Rocketseat [14/01/2021 – 04/02/2021]

Website: https://rocketseat.com.br/ | **Field(s) of study:** Information and Communication Technologies (ICT): Information and communication technologies (ICT) without a precise definition

https://github.com/gersonlamela/maratona_discover
- Development of a web application using HTML, CSS, and JavaScript

NLW Return Impulse Web (Feedback Widget)

Rocketseat [14/06/2022 – 20/06/2022]

Website: https://rocketseat.com.br/ | **Field(s) of study:** Tecnologias da informação e comunicação (TIC) : Tecnologias da informação e comunicação (TIC) sem definição precisa

Link: https://github.com/gersonlamela/nlw-return-impulse-web

Expo
Node.js
React
TypeScript
TailwindCSS
Prisma

LANGUAGE SKILLS

Mother tongue(s): Portuguese

Other language(s):

English	Spanish
LISTENING C1 **READING** C1 **WRITING** C1	**LISTENING** C1 **READING** C1 **WRITING** C1
SPOKEN PRODUCTION C1 **SPOKEN INTERACTION** C1	**SPOKEN PRODUCTION** C1 **SPOKEN INTERACTION** C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

Programming

JavaScript / PHP / Tailwind CSS / MongoDB / UI Bootstrap / SQL (PostgreSQL, MySQL, SQL Server) / Express / Git / React.js / TypeScript / GitHub / Node.js / Prisma / GitLab / HTML / React Native / CI/CD / CSS

Systems and Server Configuration

System and Server Configuration / Basic knowledge of Windows, Linux, and macOS / Discord Server Configuration / cPanel Knowledge / Linux Server / Apache Server / Ubuntu Server / AWS

IT from a User Perspective

Proficient in Microsoft Office tools (Excel, PowerPoint, Word) / Microsoft Office / Communication tools expertise (Skype, Teamspeak, Discord)

Marketing

Good knowledge of social media / Basic knowledge of SEM and SEO / Social Media Management

Personal Skills

Good time management / Quick learner of new software / Strong adaptability / Teamwork-oriented / Good communication skills / Strong interpersonal skills

DRIVING LICENCE

Driving Licence: B

PROJECTS

[17/03/2021]
Meu Ipta
Project included:
- Creation of low, medium, and high-fidelity wireframes, ensuring a clear and effective user experience.
- Development of a website aimed at supporting the school community in requesting materials and books provided by the school.
- Hosting of the web application (front-end and back-end) on PTisp servers, ensuring stability and accessibility.

Technologies used:
- HTML, PHP, CSS, JavaScript.

[07/05/2022 – 20/05/2022]
Login System
Secure authentication system featuring login and registration functionalities, using JWT tokens for session management and security.
Technologies used:
- Node.js, React, TailwindCSS.

Link: https://github.com/gersonlamela/Login

[20/01/2024 – 14/06/2024]
POS System (Final University Project) [ISTEC] Final Grade: 19/20

Situation: The need to create a modern and efficient system for managing sales, inventory, and users, focusing on an intuitive interface and optimized performance.

Task: Develop a comprehensive POS system from design to implementation using a modern technology stack, ensuring security and usability.

Action: Designed the user interface in Figma to ensure an efficient user experience. Developed the frontend with React for a dynamic interface and used Next.js for server-side rendering to enhance performance. Implemented database communication using Prisma, ensuring security and efficiency, and integrated NextAuth for authentication and permission management. Tested and validated APIs with Insomnia to ensure robust frontend-backend interactions.

Result: Successfully delivered the system meeting all defined requirements, providing an intuitive and secure experience, and earning a final grade of 19/20.

Links: https://github.com/gersonlamela/System-POS-Restaurant | https://www.figma.com/design/EGS2CEbKfbHJ47kAzgW7Ht/System-POS?m=auto&t=1toMUy2oXM9VnOjE-6