

DIEGO GARCÍA DE LOS SALMONES AJURIA

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PROFILE SUMMARY

I am a passionate Software Engineer with experience and a strong interest in software development. Throughout my career, I have worked on various projects related to web pages, mobile applications and video games, where I have gained knowledge of different technologies and programming languages, as well as teamwork and communication skills.

EDUCATION

Tecnológico de Monterrey (ITESM)

B.S. in Computer Science

Monterrey, NL

Aug 2021 – Jun 2025

- **GPA:** 4.0 (96.53)
- **Coursework:** Software Development, OOP, Web pages, Frontend, Backend, Mobile applications, Video games, Networks, Computational algorithms, Databases, AI, APIs, Software Documentation and Testing, SCRUM.

SKILLS

Programming Languages: C++ (3 years), Python (2 years), SQL (1.5 years), C# (1 year), JavaScript (1 year), Java (1 year), MATLAB (1 year), Swift (6 months), Elixir (6 months), PHP (3 months).

Technologies: React, HTML, CSS, Tailwind, Bootstrap, MySQL, PostgreSQL, GitHub, Git, Unity, OpenGL, Freeglut, Photon, NodeJS, Firebase, ANTLR.

Others: VS Code, Visual Studio, Android Studio, Xcode, Blender, Figma, Canva, Inkscape, GIMP, Jira, Notion, Postman.

PROJECTS/EXPERIENCE

Expoingenierias Web Platform

Feb - May 2023

- Web platform developed for managing the engineering projects exhibition at my university, including project registration, evaluation, and administration.
- Built a responsive and user-friendly interface with HTML and CSS to enhance accessibility and usability.
- Implemented user roles including students, teachers, judges, and administrators with tailored access and permissions.
- Developed interactive frontend elements with JavaScript to improve user experience.
- Used PHP to connect the frontend with the MySQL database, managing data such as student registrations, project details, and evaluations.

Reecicla App

Aug - Dec 2023

- Mobile app for iOS and Android developed for Green Carson, enabling users to request home recycling pickups or locate drop-off points on a map.
- Designed and programmed the Login, Registration, and User Profile sections, ensuring a seamless onboarding experience.
- Developed and implemented the authentication system across the app using Firebase for secure user management.
- Worked on responsiveness and UI adaptability to support multiple device types and screen sizes.
- Collaborated with design tools like Figma to create user-friendly interfaces.

Financial Management System of a Children's Bazaar

Feb - Jun 2024

- System for managing the profits of a children's hospital bazaar, combining a mobile app for sellers and a web platform for administrators.
- Developed web frontend with React, JavaScript, HTML, and CSS to create a responsive and user-friendly interface.
- Designed and implemented administrator pages for user creation, sales record viewing, and statistics display.
- Collaborated using tools like Figma for design and Postman for API testing.
- Integrated the frontend with backend services built with Django and MySQL for data management.

Personal Portfolio Website

Aug 2025

- Personal portfolio website showcasing software development projects and skills.
- Developed a responsive portfolio using React, JavaScript, HTML, and Tailwind CSS, enhanced with smooth animations and modern UI components.
- Included key sections such as Hero, About Me, Skills, Projects, and a contact form to facilitate professional networking.
- Implemented dynamic project showcases featuring modal interactions and detailed project information displays.
- Ensured cross-browser compatibility and responsive design to provide a consistent experience on all devices and platforms.