CÉSAR ALEXANDER DELGADILLO SÁNCHEZ

Software Engineer

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SUMMARY

Motivated Computer Science student with a solid foundation in software development, databases, and data science. Proven experience in collaborative backend and frontend projects, specializing in technologies like C#, .NET, Angular, and Firebase, with deployment expertise on cloud platforms such as Azure. Committed to continuous learning, with certifications in advanced web development and data science. Seeking to leverage my skills in challenging environments to create impactful technological solutions.

EDUCATION

Facultad de Ciencias Físico Matemáticas, UANL   **Monterrey, Nuevo León**

Bachelor's degree in computer science   *Expected Graduation June 2026*

- o **Relevant courses taken:** Data Structures & Algorithms, Linear Algebra, Probability, Object-Oriented Programming, Statistics & other math courses, Development of Mobile Apps, Data Bases, etc.

PROJECTS

Backend Certification Project

- Developed a banking application requiring user authentication to access the API.
- Implemented using C# .NET, deployed on Microsoft Azure for scalability and performance.
- Authentication is handled via JWT Tokens to ensure secure access.

Instagram clone

Team project

- Developed a fully functional Instagram clone; frontend built using Angular and Ionic.
- Backend powered by TypeScript and integrated with Firebase, providing a seamless user experience and real-time functionality.

Event management app

Team project

- Designed and built a CRUD application for event creation and management.
- Led the backend development using C# .NET and SQL Server, deployed on Azure for optimal database management and infrastructure reliability.

CERTIFICATIONS

Certificate in Basic Data Science by Google

April 2024

Gained foundational knowledge in data science concepts and data management techniques. Certificate.

Certification in Advanced Web Development Applications by U S - I T, a UANL affiliate

March 2024

Completed a 240-hour program covering advanced backend projects using C# .NET and explored Angular for full-stack development.

ACTIVITIES

Participant at GranPremioMX

Jan 2023 – Now

Actively participated in three editions, successfully completing all team-based challenges, highlighting problem-solving skills and collaboration.

TECHNICAL SKILLS

Programming: Python, JavaScript, HTML/CSS, SQL, .NET, C#, Angular, Ionic, TypeScript, TailwindCSS, Astro
Tools: Postman, Android Studio, Firebase
Other: Excel, Word, PowerPoint, basic use of Photoshop and video editing.

SOFT SKILLS

Communication Skills
- Ability to convey information clearly and effectively, both in writing and verbally.
- Useful in collaborating with teams, explaining technical concepts to non-technical stakeholders, and handling client communications.

Problem-Solving
- Strong analytical skills to identify issues, evaluate solutions, and implement fixes efficiently.
- Critical for roles that require troubleshooting, debugging, and optimizing processes.

Teamwork and Collaboration
- Important for projects that require cross-functional collaboration and group work.

Adaptability
- Flexibility to adapt to changing technologies, project requirements, or work environments.
- Especially valuable in fast-paced industries like tech, where priorities can shift quickly.

Time Management
- Effective at managing time and prioritizing tasks to meet deadlines without compromising quality.
- Crucial for managing multiple projects, particularly in roles with overlapping deadlines.

Leadership
- Capability to take initiative, delegate tasks, and guide a team toward successful project completion.