

Sergio Adrián Murillo Benítez

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Software Engineer with a B.Sc. in Computer Systems Engineering and an M.D., experienced in Full Stack Development and Data Analytics.

Work Experience

Nerito Pay

Full Stack Developer

Hermosillo, Sonora

Jan 2025 – Present

- Developed and optimized RESTful APIs with NestJS and PostgreSQL, which improved the efficiency of core business services.
- Implemented secure authentication and authorization flows using AWS Cognito, strengthening application security.
- Built client-facing dashboards, transforming complex data from DynamoDB into key metrics that drove decision-making.
- Managed the cloud application lifecycle with AWS Amplify, ensuring scalability and reliability.
- Collaborated with cross-functional teams (frontend and backend) to deliver full-stack features using React and Next for frontend development.

CBJ Maintenance & Construction

Team Supervisor

San Luis Obispo, California

Jun 2024 – Aug 2024

- Led and supervised work teams in maintenance and construction projects.
- Coordinated operations in an international work environment.

Healthcare Background

Medical Doctor &

Business owner

Hermosillo, Sonora

Mar 2019 – Present

- Assisted in surgical procedures ensuring safety and accuracy.
- Collaborated with multidisciplinary medical teams in high-pressure settings.
- Founded and managed a private healthcare service focused on personalized care.
- Oversaw operations, administration, and patient services.

Education

**Tecnológico Nacional de México,
Campus Hermosillo**

B.Sc. in Computer Systems Engineering, Specialization in Data Science. GPA 96/100

Hermosillo, Sonora
Aug 2021 – Dec 2025

**Universidad del Valle de México,
Campus Hermosillo**

M.D., Medicine. GPA 86/100

Hermosillo, Sonora
Jan 2012– Dec 2019

Certifications

DataCamp: Data Analytics Associate

Aug 2023

DataCamp: Data Analytics in Power BI

Aug 2023

Coursera: Google Data Analytics Professional Certificate

Aug 2022

Skills

Languages & Frameworks: JavaScript, TypeScript, React, Next.js, Node.js, NestJS, HTML

UI & Design Tools: Tailwind CSS, Material UI, shadcn/ui

Databases & Cloud: PostgreSQL, AWS (Amplify, DynamoDB, Cognito), SQL

Data & BI: Python, Power BI

Collaboration & Tools: Git, GitHub, Jira

Methodologies: Agile (Scrum, Kanban)

Soft Skills: teamwork, adaptability, problem-solving, communication, proactive, leadership

Languages

Spanish: Native

English: Advanced (C1)

German: Basic (A2)