Jean-Franco Zarate

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SUMMARY

Responsible and enthusiastic technology professional with strong skills in software development, cybersecurity, and data analysis. Skilled in teamwork, adaptability, and continuous learning, with a strong commitment to continuous improvement. Experience includes mobile app development, database management, and business process automation through data and machine learning models. Native Spanish speaker with full professional proficiency in English.

TECHNICAL SKILLS

Programming Languages: Python (Advanced), SQL (Advanced), JavaScript (Intermediate), C (Intermediate), C++ (Intermediate), Java (Intermediate), Golang (Basic)

Web and App Development: HTML, CSS, React

Database Tools: PostgreSQL, MySQL, Microsoft SQL Server, Apache Cassandra, MongoDB

Development Practices & Standards: Clean Code, Scrum, NIST, HIPAA, ISO-27001

PROJECTS

Portfolio Website — March 2025 – April 2025
Website Development Project | https://jean-franco.github.io/Portfolio-Website/ — *HTML, CSS, JavaScript*
- Developed a portfolio website to describe my resume and projects
- Highlighted my values and goals, projects, and skills
- Utilized JavaScript to make it interactive

My Capability App — March 2021 – Dec 2021
Pose Detection Mobile App — *Android Studio, Java, Google ML Kit, JavaScript*
- Built a mobile app which uses Pose Detection and a phone's camera to measure physical performance
- Implemented features such as vertical jump, horizontal jump, and sprint measures, among others
- Deployed the App with Android Studio to support mobile phones

EXPERIENCE

Business Processes Intern — Jan 2022 – March 2022
Banco de Chile — *Santiago, Chile*
- Automation and improvement of business processes (databases and ETL)
- Review and implementation of prediction models, applying Machine Learning and mathematical models
- Technologies: MSSQL Server, SQL, Python, Visual Studio

Database Manager Intern — Jan 2021 – March 2021
Bechtel — *Santiago, Chile*
- Provided service and support for mining and plant construcion projects
- CAD application processes automation and support
- Technologies: MSSQL Server, Smart3D, SQL, Python

EDUCATION

Cumberland University — Lebanon, TN
M.S. in Information Technology Management — *Aug 2024 – May 2026*

Universidad Tecnica Federico Santa Maria — Santiago, Chile
B.S. in Computer Science — *March 2017 – Dec 2022*