

JAIR CARBAJAL

Software Developer | Software Consultant | Database Application Specialist

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SUMMARY

Detail-oriented software developer with 3+ years of experience building database-driven applications, writing performant SQL queries, and integrating enterprise resource planning software with manufacturing execution systems. Strong background in automation, technical documentation, and compliance with ITAR standards. Delivers clean, maintainable code and scalable backend solutions, including insightful reporting tools that support data-driven decision-making.

WORK EXPERIENCE

Software Developer / MES Consultant, Manufacturo

Mar 2023 - Present

- Designed and optimized SQL queries to support ERP and MES integrations across aerospace, defense, and high-performance automotive sectors.
- Developed internal tools using Angular and C# that automated manufacturing workflows and reduced manual processes by over 60%.
- Delivered full-cycle data migrations, ensuring system accuracy, traceability, and seamless client onboarding.
- Built Python-based reporting scripts and dashboards to provide real-time operational insights.
- Integrated MES platforms with ERP systems like Oracle and NetSuite, maintaining clean data sync and validation rules.
- Supported ITAR-compliant environments through adherence to access protocols and secure data handling practices.
- Authored clear technical documentation covering integration logic, workflows, and platform configurations.

Sales Operations Specialist, AddOn Networks

Nov 2019 - Jan 2021

- Managed day-to-day operations to support sales reps and streamline internal workflows.
- Analyzed sales operations and customer activity to improve business process efficiency.
- Created and maintained internal documentation for tools and processes.
- Provided operational support for the sales team to ensure high levels of customer satisfaction.

Client Care Specialist, JNR Incorporated

Nov 2017 - Aug 2019

- Acted as a liaison between corporate HQ and customers, ensuring all responses were accurate and legally documented.
- Supported customers involved in class-action lawsuits and recall programs.
- Analyzed documents to identify recall-related work for reimbursement review.

TECHNICAL SKILLS

Databases: SQL, SQL Server (Gov/Enterprise), Query Optimization

Programming: Languages: Python, C#, JavaScript

Frameworks: Angular, React, Flask, Express, SQLAlchemy, Sequelize

Tools: Git, GitHub, Azure, Selenium, NetSuite, Oracle ERP, Active Directory

Practices: Agile/SCRUM, CI/CD, Test-Driven Development, ITAR Compliance

EDUCATION

App Academy

Apr 2022 - Sep 2022

Software Engineering Bootcamp

- 1000+ hour software engineering bootcamp

Segerstrom High School, Santa Ana CA

Sept 2005 - Jun 2009

High School Diploma