

# Nicolas Jomolca

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## SUMMARY

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Senior Technical Delivery Lead, Integration Engineer, and Data Engineer with 10+ years of experience delivering enterprise software implementations, large-scale data migrations, cloud solutions, and mission-critical technology initiatives across government, public safety, logistics, and private-sector organizations. Proven track record leading end-to-end technical delivery from discovery, requirements gathering, solution design, integration development, QA validation, deployment, and production go-live. Expert in SQL, Python, cloud technologies, API integrations, enterprise data architecture, and customer-facing solution delivery. Experienced collaborating with executive leadership, customers, vendors, and engineering teams to solve complex operational challenges, streamline implementations, and accelerate customer time-to-value.

## EDUCATION

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**Broward College:** (BAS) Bachelor of Applied Science, Artificial Intelligence and Data Analytics

**Broward College:** (AA) Associates of Arts, Business Administration

**Certifications:** CompTIA Project+, CompTIA Data+, Information Technology Management Certificate, Moving to Managed Databases (AWS), Business Operations (Broward College), Business Specialist (Broward College), Google Analytics, Project Budgets – PMI, Project Integrations – PMI, Agile Foundations – PMI, Security & Privacy (CJIS Compliance), IT Service Management Foundations: Tools, Certifications in C++, HTML, Python Core, JavaScript, and SQL (Sololearn)

## EXPERIENCE

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**White Box Technologies, Inc.** – Salt Lake City, UT (Remote)

*Senior Integration Engineer | Database Programmer*

April 2025 – Present

- Lead end-to-end delivery of enterprise data migration and integration projects for public safety and government agencies.
- Design and implement complex SQL transformation, validation, and migration frameworks supporting large-scale software conversion initiatives.
- Develop Python and C# automation tools to streamline deployment workflows and improve delivery efficiency.
- Collaborate directly with customers, analysts, project managers, and engineering teams to translate business requirements into technical implementation plans.
- Troubleshoot and resolve critical production issues, serving as a senior escalation point for complex data and integration challenges. Developed deployment automation and release validation procedures that improved implementation consistency and reduced production deployment risk.
- Mentored analysts and implementation engineers on SQL mapping validation, troubleshooting methodologies, and deployment best practices.
- Build reusable integration components, validation frameworks, and deployment tooling that improve project delivery consistency.
- Perform data architecture reviews, field mapping validation, ETL development, API integration testing, and production readiness assessments.
- Support release management, deployment activities, and environment validation across multiple customer implementations.
- Produce technical documentation, deployment guides, troubleshooting runbooks, and implementation standards.

**City Of Opa-locka | Police Department** – Opa-locka, FL

*I.T. Systems Administrator | Data Analyst*

November 2023 – March 2025

- Led enterprise technology implementations supporting over 200 municipal and public safety users.
- Directed technical discovery sessions with executives, department leadership, vendors, and stakeholders to define project requirements and implementation strategies.
- Served as technical lead for a full Google Workspace to Microsoft 365 migration including Azure AD, Exchange Online, identity management, and user onboarding.
- Designed and deployed Python-based automation solutions that reduced workstation deployment time by more than 90%.
- Developed operational dashboards and business intelligence solutions using SQL and Power BI, improving executive visibility into departmental performance metrics.
- Managed enterprise infrastructure including Active Directory, Azure AD, Exchange Online, VMware, Hyper-V, and cloud services.
- Coordinated vendor evaluations, implementation planning, budgeting, procurement, and executive approvals for major technology initiatives.
- Authored technical documentation, deployment procedures, disaster recovery plans, and operational runbooks.
- Acted as the primary escalation point for complex infrastructure, application, and integration issues.

**AnOak Tech Solutions** - Miami, FL

*Senior Technical Project Manager | Solutions Engineer*

July 2022 – November 2023

- Led customer-facing software implementation and process automation engagements from requirements gathering through production deployment.
- Designed and implemented API integrations, cloud-based workflows, and automation solutions using Python and AWS services.
- Conducted technical workshops with customers and stakeholders to identify operational challenges and define scalable solutions.
- Managed project delivery schedules, technical dependencies, risk mitigation strategies, and executive communications.
- Developed integration architectures and automation frameworks that reduced processing times by over 80%.
- Collaborated with developers, vendors, and customers to ensure successful solution delivery and adoption.

**Florida International Terminal** – Fort Lauderdale, FL

*Technical Lead | ERP Data Migration Specialist*

November 2021 - June 2022

- Led large-scale SAP Business ByDesign ERP migration initiatives involving data extraction, transformation, validation, and deployment.
- Designed data mapping strategies and integration workflows supporting successful ERP implementation efforts.
- Coordinated offshore developers, business stakeholders, and operational teams throughout migration planning and execution.

- Developed ETL processes and AWS-based data integration solutions improving migration accuracy and operational efficiency.
- Managed testing coordination, deployment readiness, issue resolution, and post-go-live stabilization activities.
- Created migration documentation, validation procedures, and implementation standards supporting repeatable delivery processes.

**Accredited Translation Services, Inc. – Miami Lakes, FL**

*IT Technician Specialist*

June 2018 – November 2021

- Provided technical support and IT business analysis, optimizing systems for improved efficiency.
- Developed security automation scripts to enhance system reliability.
- Managed system virtualization using VMware, improving network security against cyber threats.

**Picameal Catering - Miami, FL**

*Full-stack Developer*

June 2016 – June 2018

- Boosted customer engagement by designing a responsive, user-friendly website using HTML, CSS, and JavaScript, resulting in a 20% increase in online inquiries.
- Improved website maintenance efficiency by migrating client websites to SaaS platforms, reducing downtime by approx. 25%.

**TECHNICAL SKILLS**

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- **Technical Delivery & Solution Engineering:** Enterprise Implementations, Technical Discovery, Production Go-Live Management, Solution Architecture, Release Management, Technical Escalation Management, Customer Workshops, Stakeholder Communication, Runbooks, Playbooks, Incident Response
- **Data Engineering & Integrations:** SQL Server, Data Modeling, Data Mapping, ETL/ELT, Data Migration, Data Validation, REST APIs, JSON, Integration Design, Data Architecture, Data Transformation
- **Programming & Automation:** Python, C#, .NET, PowerShell, Bash, SQL, JavaScript, PowerShell, Python, C#, .NET, SQL, JavaScript, HTML, CSS, C++, Swift, Bash, REST APIs, JSON, API Development, Automation Development, CI/CD Pipelines, Full Stack Development (Web & Mobile iOS), Application Development, Systems Integration.
- **Cloud & DevOps:** AWS, Microsoft Azure, Docker, CI/CD Pipelines, Git, SaaS Platforms, Cloud Migrations
- **Leadership:** Cross-Functional Leadership, Requirements Gathering, Vendor Management, Technical Documentation, Agile Methodologies, Team Mentoring, Project Delivery
- **Virtualization & Cloud Technologies:** VMware vSphere, Hyper-V, Microsoft Azure, AWS (EC2, S3, Lambda, Route53, CloudFront), SaaS Platforms, Cloud Migrations, Hybrid Cloud Environments, Infrastructure Modernization.
- **Database Administration & Integration:** Microsoft SQL Server, Database Administration, Performance Tuning, Database Restoration, Backup & Restore, Data Migration, ETL Development, Data Integrity Management, Data Conversion, Data Integration, SQL Scripting, Reporting Solutions, High Availability Configurations.
- **Project Management, Business Analysis & Vendor Management:** Requirements Gathering, Business Analysis, Business Process Optimization, Technical Documentation, Stakeholder Communication, Cross-Functional Collaboration, Customer Support, Vendor Management, Vendor & Stakeholder Relations, RFP Evaluations, Procurement Support, Agile Methodologies, DevOps, ServiceNow, Jira, Version Control (Git), Project Planning, Technical Assessments.
- **Languages:** English (Native), Spanish (Native), Portuguese (Fluent).
- **Core Strengths:** Strong Analytical & Problem-Solving Skills, Process Improvement, Technology Modernization, Infrastructure Support, Client Engagement, Executive Communication, Team Leadership, Training & Knowledge Transfer, Proven Ability to Optimize Processes, Manage Dependencies, and Support Cross-Functional Collaboration with Technical and Non-Technical Teams, Including Military, Law Enforcement, and Government Personnel