

JACOB TÉLLEZ

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PROFESSIONAL SUMMARY

Software engineer with 2+ years designing and shipping production full-stack applications on C#/.NET and TypeScript. Founder and technical lead at ByteClub Dev, where I build responsive single-page applications backed by RESTful APIs, relational data models with Entity Framework Core, and containerized deployments on Azure and Vercel. Comfortable owning a feature end to end: domain modeling, API design, front-end implementation, code review, and release. Systems Engineering student graduating within 6 months, bilingual English/Spanish, and genuinely interested in software craftsmanship and code that stays maintainable after the deadline.

TECHNICAL SKILLS

Languages: C#, JavaScript, TypeScript, SQL, HTML/CSS, Python, Java, Bash, PowerShell

Back End: .NET / ASP.NET Core, RESTful API design, Entity Framework Core (ORM), layered & service-oriented architectures, JWT authentication

Front End: React, Next.js, Vue 3, Astro, Tailwind CSS, responsive SPAs

Databases: SQL Server, PostgreSQL, MySQL, MongoDB, relational data modeling, query optimization

Testing & Code Quality: Unit and integration testing, code review workflows, static code analysis, refactoring for technical debt

Engineering Practices: SOLID principles, object-oriented design, design patterns, clean architecture, Agile / Scrum, pair programming

DevOps & Cloud: Docker, Git / GitHub, branching and pull request workflow, CI/CD pipelines, Microsoft Azure, AWS, Vercel

Data & Integration: ETL pipelines, Pentaho, data warehousing, third-party API integrations, WhatsApp Business API

EXPERIENCE

Founder & Technical Lead | ByteClub Dev

2024 – Present

Digital Solutions Agency - Remote, Costa Rica

- Deliver production full-stack systems for clients in healthcare, home care, and retail: 5+ applications built with ASP.NET Core, Next.js, React, Vue 3, SQL Server, MongoDB, and Docker.
- Design RESTful APIs consumed by fully responsive single-page applications, separating domain, data access, and presentation layers so business rules stay testable and independent of the UI.
- Model complex business domains from client requirements: service catalogs, tiered pricing rules, contract and client records, and operational reporting, translating ambiguous processes into explicit data models.
- Own the full SDLC as technical lead: feature branching, pull requests with review, CI/CD to Azure Container Apps and Vercel, and refactoring passes to keep technical debt under control.
- Built WhatsApp Business automation and analytics reporting that cut manual client workflows by roughly 25-30%, running client engagements end to end on projects averaging 3-6 months.

Technical Support Specialist | Envista Co

Aug 2025 – Present

San José, Costa Rica - Hybrid

- Maintain 98%+ SLA compliance across a multi-account queue of hardware, software, and network incidents, working daily in English with distributed stakeholders.
- Reduced average incident resolution time by ~20% through systematic troubleshooting protocols built with cross-functional teams.
- Administer client contracts and account data in SAP across 50+ active accounts, and document technical cases and resolutions in CRM systems.

SELECTED PROJECTS

- NewsIngestor - Multi-layer .NET 10 web application with JWT authentication, role-based access control (Admin / Editor / Viewer), PBKDF2-SHA256 password hashing, and SQL Server running in Docker. Built as a real academic client project and deployed in a Linux environment.
- Clínica Dr. Rogelio Tamayo - Astro + React + TypeScript + Tailwind CSS clinic platform with transactional email integration (Resend), deployed on Vercel.
- High-volume data handling - Seeded and paginated 1M+ record SQL Server datasets using Bogus and SqlBulkCopy with OFFSET/FETCH pagination for responsive queries at scale.

EDUCATION

B.Sc. in Systems Engineering | Universidad Fidélitas

2023 – Present

San José, Costa Rica · Expected graduation: within 6 months

- Coursework in data structures and algorithms, software architecture, database administration, networking (Cisco CCNA 1 & 2), and cybersecurity fundamentals; extended a production Docker SQL Server container to host multiple databases simultaneously.

CERTIFICATIONS & LANGUAGES

Cisco CCNA 1: Intro to Networks (2024) | Cisco CCNA 2: Switching, Routing & Wireless (2024) | IoT Fundamentals (2024)

Spanish: Native **English:** Advanced - professional written and spoken proficiency