



Nikol Tatiana Velasquez Ramos

Junior Developer at Riwi (in training) |
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PROFESSIONAL PROFILE

I am Nikol Velasquez, I am a motivated 19-year-old software development student focused on expanding my skills in programming and software technologies. With hands-on experience in both web and mobile applications, I possess a strong foundation in multiple programming languages and frameworks. I thrive in team environments, commit to quality, and always aim to contribute effectively to my projects and future organizations.

TECHNICAL SKILLS

JavaScript, React, SQL, PHP, Python, C#, .NET, Docker, Git, Node.js, Express.js, PostgresDB, MongoDB, SQLServer, MySQL, Firebase, React Native, Vue.js, Bootstrap, Tailwind, Figma CSS, Photoshop

SOFT SKILLS

Adaptability, Teamwork, Analytical thinking, Creativity, Communication, Organization, Empathy, Effective Communication

EDUCATION

Soporte técnico en tecnologías de programas informáticos

Centro Inca | 2024 - Currently

Junior Software Developer

Riwi | 2025 – Currently

Phishing Prevention Specialist (CCPS)

Hack & Fix | December 21, 2025

Pylatino

Code in Place de Standford University |
Universidad de los andes

13 october – 22 november 2025

Lidera a Toda Velocidad: Lecciones de la
Formula 1

Santander | Open academy 30 June 2025

Certificado de peritaje e informática forense

Hacker Mentor 10 March 2025

Cybersecurity Fundamentals Certificate

Barranquilla - Colombia

Coursera con google 10 March 2025

Colegio del Atlántico MaxTrummer

Barranquilla - Colombia

2014 – 2022 Primary and Academic High
School

Colegio Instituto Pedagógico Para El
Desarrollo Integral "CREAR", **Bogotá D.C**
2009 – 2014 Primary

LANGUAGES

Spanish: Native

English: Advanced

PROFESSIONAL EXPERIENCE

ConstrurentAPP – Firmness (.NET 8)

Riwi Project – (November 2025)

ConstrurentApp.NET is a comprehensive platform designed to manage equipment rentals, material sales, and the entire operational cycle of a construction company. The system combines a clean architecture, AI-powered automation, document generation, notifications, and cloud storage, resulting in a scalable, modular solution suitable for enterprise production environments.

Key Achievements /Learnings

- Built a modular .NET 8 Web API and a high-performance Angular 17 frontend.
- Implemented AI features with Google Gemini Pro for smart recommendations and workflow automation.

- Delivered PDF reporting, transactional email notifications, and secure cloud storage via AWS S3 + CloudFront.
- Engineered a robust data layer using PostgreSQL + EF Core with optimized queries and migrations.
- Containerized the system with Docker/Docker Compose and ensured code reliability through xUnit, Moq, and FluentAssertions.

Tech stack: .NET 8 · Angular 17 · PostgreSQL · EF Core · Google Gemini Pro · QuestPDF · AWS S3/CloudFront · Docker · SMTP Services

Tools: Visual Studio, Rider, Git, GitHub

HospitalCompleteSystem – Hospital Management Console App (.NET 8)

Riwi Project - (October 2025)

HospitalCompleteSystem is a console-based hospital management application developed in C# (.NET 8). It enables efficient management of patients, doctors, and medical appointments, featuring strong input validations (email, phone) and a simulated email confirmation system for appointments

Key Achievements /Learnings

- Implemented a modular architecture with clear separation of concerns (Models, Repositories, Services, Interfaces, and Utils).
- Developed robust data validation for user input, ensuring data integrity and usability.
- Designed interactive console menus for patient, doctor, and appointment management.
- Simulated appointment confirmation emails to mimic real-world system behavior.
- Created class and use case diagrams to document the system design process.

Tech stack: C#, .NET 8

Tools: Visual Studio, Git, GitHub

PetCare Center SPA

Riwi Project - (Agoust 2025)

Single Page Application (SPA) developed with Vanilla JavaScript and Vite, using a mock backend with JSON Server. The system manages users, roles, pets, and stays for an animal care center, including separate client and worker dashboards.

Key Achievements /Learnings

- Implemented a complete CRUD system for pets, users, and stays with role-based access (client/worker).
- Designed a responsive and dynamic interface using pure JavaScript without frameworks.
- Integrated session management with localStorage for login persistence.
- Gained experience in modular code organization and API simulation with JSON Server.

Tech stack: Html, Css, Javascript

Tools: Visual Studio Code

Scrum Master

Riwi Project - SkyBolt – Sports Venue Booking Management System - (September 2025)

SkyBolt is an interactive mobile-focused application designed to streamline the booking of sports venues such as football fields, basketball courts, and volleyball courts. It enhances the utilization of

sports spaces and reduces wait times through a smart turn-based system and online payments.

Key Achievements/Learnings

- Led a multidisciplinary team following SCRUM methodology, coordinating sprints, daily stand-ups, and backlog refinement using Azure DevOps.
- Facilitated communication between developers, designers, and the product owner to ensure timely delivery of project milestones.
- Contributed to frontend and backend development, integrating role-based access, booking logic, and payment flow.
- Designed user stories, acceptance criteria, and sprint documentation for efficient project tracking.
- Strengthened team collaboration and problem-solving skills through agile practices and continuous feedback sessions.

Tech stack: HTML, CSS, TailwindCSS, JavaScript (Vanilla), Node.js, Express, MySQL

Tools: Azure DevOps, Figma, GitHub, Visual Studio Code

Hospital Management System

Inca Project - C# Windows Forms Application (June 2024)

Hospital Management System is a desktop application developed using C# and Windows Forms, designed to manage patients, doctors, and administrative operations within a hospital environment. It integrates Crystal Reports for generating detailed and dynamic reports, and includes role-based access control to ensure secure and personalized user experiences.

Key Achievements/Learnings

- Developed core modules for patient, doctor, and appointment management with full CRUD functionality.
- Integrated Crystal Reports for automated report generation and real-time data visualization.
- Implemented role-based authentication to manage permissions for different user types (Admin, Doctor, Receptionist).
- Enhanced data validation processes for accurate and consistent system input.
- Strengthened understanding of Windows Forms architecture, event-driven programming, and UI design in C#.

Tech stack: C#, .NET 8, Windows Forms, Crystal Reports

Tools: Visual Studio, Git, GitHub