Juan Camilo Bellon Rincon

Bogotá, Colombia · https://www.linkedin.com/in/camilobellon · +57 311 597 70 41· kro_968@hotmail.com

*I am a Software Engineer with expertise in **JavaScript**, **TypeScript**, and **Python**, experienced in developing web, mobile, and desktop applications. I combine skills in both front-end and back-end development, leveraging modern technologies such as **ReactJS**, **NestJS**, and **Django**. Additionally, I have hands-on experience managing **relational** and **non-relational databases** and employing **CSS frameworks** to create responsive and visually appealing interfaces.*

*I possess advanced knowledge of version control using Git and hold a **SCRUM** certification from the SCRUM Foundation. Currently, I am integrating machine learning and AI solutions into my projects to stay at the forefront of technological advancements.*

I am a reliable, passionate, and dedicated professional committed to continuous learning and improvement.

PROFESSIONAL EXPERIENCE

Nowports   **Bogotá, Colombia**
Full stack software engineer   *August 2022–November 2024*

Project: Inventory Financing

Technology Used: ReactJs, NestJs, Jest, Prisma ORM, PostgreSQL, MaterialUI, Git, AWS

Role: Full stack Software engineer

Composition and size of the team: 1 Product Manager, 1 Product Owner, 1 UX/UI designer, 1 Technical lead, 1 staff engineer, 4 developer software engineers.

Project description: Inventory Financing is a project designed to finance the inventory of clients engaged in logistics operations with the company. Based on their logistics service consumption behavior, clients are invited to finance their inventory purchases, provided they continue using the company's logistics services. This program helps clients manage their inventory needs while strengthening the business relationship.

Achievements and Challenges: During my participation in the project, we managed over 100 credit applications and approved at least 70% of them. I had the opportunity to be involved from the initial planning phase to the project's launch in June of this year. The main challenges of participating in this project were varied due to the nature of the financial product, including data validation of applicants, credit assessment, and fund distribution across different countries. Integration with third parties, analyzing APIs and exposed services for connection, as well as ensuring data integrity of the amounts, were the biggest challenges faced in this project.

Functionalities implemented: Credit behavior analysis of clients with credit bureau, tracking of credit lines and payment history (integration with Credia MX), integration of fund disbursement service with RAPYD, management of amounts flow, application processing, product subscription, blocking mechanisms, engineering of statuses and unit testing for each service. Additionally, document management for files linked to the process, as well as technical and functional documentation of the product.

Seguridad Penta   **Bogotá, Colombia**
Full stack software developer   *August 2021–August 2022*

Project: Visitik
Technology Used: React, React Native, Electron JS, Node.js, MongoDB Realm, Tailwind, Git, Bitbucket
Role: Full Stack Software Developer
Composition and Size of the Team: 1 Product Manager, 1 UX/UI Designer, 3 Software Developers

Project Description: Visitik is a cross-platform application designed to register and control visitor access to frequently visited locations such as residential areas, businesses, and public sites. It allows scheduling of visits, reserving parking services, granting and recording visitor access to restricted areas, and serves as a complement to physical security at these sites.

Achievements and Challenges: During my participation in the project, I was able to fully collaborate in the development of both the desktop application, built with Electron JS and ReactJS, and the mobile application developed in React Native. Key achievements included successfully developing this cross-platform application and participating in two production releases that implemented useful features for both operators and end-users. The main challenge was quickly adapting to the technologies being used, as I had no prior experience with them, and developing an adapter pattern service to synchronize data between the MySQL server and the local data persistence used by security guards with MongoDB Realm, ensuring no dependency on the internet service.

Functionalities Implemented: Development of the desktop application with local data persistence, ensuring no internet dependency. Implementation of a data synchronization feature. QR code scanning for access and registration of personnel using their ID or official identification. Generation of printed tickets for parking service control, management of visitor control and associated service costs, and scheduling of services offered by the client.

Freelance Developer   **Bogotá, Colombia**
Full stack software developer   *March 2020–August 2021*

Project: Health Control Systems for Employee Safety
Tech Used: ReactJS, NodeJS, C++, ESP8266, Firebase, Git, Github
Role: Full Stack Software Developer
Composition and Size of the Team: freelance project

Project Description: In this project I developed systems for monitoring employee capacity, sanitization, and automation of health control processes to ensure compliance with sanitary measures during the COVID-19 pandemic. The solutions I implemented helped monitor and manage personnel flow and safety in real-time, facilitating a safer work environment.

Achievements and Challenges: During this project, I successfully created real-time monitoring systems that ensured compliance with health protocols. Key achievements include automating health checks such as temperature verification and symptom tracking, which reduced manual workload and enhanced safety measures. One of the main challenges was designing a system that could handle large amounts of real-time data, which I addressed using Firebase for scalable data management.

Functionalities Implemented: Development of systems to monitor and control employee capacity and ensure sanitization measures. Real-time tracking and management of personnel flow for health safety. Automation of health-related processes, including temperature verification and symptom monitoring, improving safety and reducing manual efforts. Integration of Firebase for reliable and fast management of health and capacity data.

EDUCATION

Institucion Universitaria Politecnico Grancolombiano   **Colombia**
Bachelor's Degree in Software Engineering   *2024*

Universidad Sergio Arboleda - Talento tech   **Colombia**
Bootcamp in Artificial Intelligence   *2024*

ADDITIONAL SKILLS

- Winner of first place in the local and regional hackathons of the Talento Tech program at Universidad Sergio Arboleda using django (python framework), scikitlearn, ReactJS, tailwind and postgresql.
- Native in Spanish. Fluent in English.