

Mauricio Enrique Gallego Avila

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Experience

INSIGHT GLOBAL Software Engineer

Atlanta, United States
Feb 2025 – Jun 2025

- Developed and published reusable UI components in **Pizza Hut's private Storybook library**.
- Delivered scalable **React-based applications** for Pizza Hut's global call centers, optimizing user experience and performance.
- Translated design systems into functional workflows, prioritizing **intuitive customer interactions** and accessibility.
- Built a robust **BFF layer using Nest.JS** to streamline communication between front-end apps and microservices.
- Enhanced API efficiency and security while reducing client-side complexity.
- Implemented **CI/CD pipelines** via **CircleCi** and **Terraform** for seamless, automated deployments across all environments.
- Embedded **N8N pipelines** for invoice Slack alerts, saving possible bugs or errors.

SYSGARAGE Full-Stack Web Developer

Miami, United States
Jun 2021 – Feb 2025

- Focused on Front-end features implementing React.js and Next.js libraries and improving scalability and performance on client's apps like **Basapp**, **Tugarantia** and **Tubutaca**.
- Developed front-end tests with Cypress.io and back-end tests with Jest.js, increasing code coverage to 90%.
- Deployed microservices with Terraform-managed serverless containers on **Google Cloud Functions (GCP)**.
- Collaborated back-end development using **Nest.js** and **Prisma.io** for seamless manipulation of databases.
- Implemented Terraform for infrastructure management for **serverless containers** and **microservices**.
- Optimized the application's front-end performance by implementing **Server Components** and **Server-side Rendering**.
- Enhanced efficiency and product quality by implementing agile practices like **Test-Driven Development (TDD)**.

PUBLICIS MEDIA Front-End Web Developer

Buenos Aires, Argentina
Mar 2021 – Jun 2021

- Delivered React.js application features under tight deadlines, reducing development cycle times by 20%.
- Enhanced software quality with Jest-based testing, achieving nearly 100% reliability.
- Used metrics to track development speed and defect rates.
- Collaborated within agile teams to accelerate delivery timelines.
- Utilized AWS and Docker for app deployment.

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ACCENTURE

Full-Stack Web Developer

Buenos Aires, Argentina

Sep 2019 – Mar 2021

- Developed an offline mobile app tailored for use in **Argentina**, ensuring smooth functionality without internet connectivity.
- Collaborated closely within a small team of three developers to deliver the app efficiently and meet user needs.
- Built the app using **React Native** as the main framework, leveraging Expo for faster development and deployment.

CALIPSO, VISMA

Technical Developer

Buenos Aires, Argentina

Sep 2017 – Sep 2019

- Provided technical support, diagnosing and resolving system errors to ensure optimal performance.
- Led new implementations to enhance system functionality and adapt to evolving business requirements.
- Worked with a Delphi-based system, implementing improvements using VBScript to boost efficiency.
- Collaborated directly with customers, addressing their issues promptly and delivering tailored solutions.

Education

SYSTEM ENGINEERING

Degree

Buenos Aires, Argentina

INTENSIVE ENGLISH COURSE

Study abroad coursework

London, United Kingdom

ANALYST DEVELOPER

Technical Degree

Buenos Aires, Argentina

FULL-STACK & AGILE BOOTCAMP

Bootcamp Course

Buenos Aires, Argentina

NODE.JS BOOTCAMP

Bootcamp Course

Buenos Aires, Argentina

Skills & Interests

Front-End: JavaScript, **TypeScript**, React.js, **Next.js**, React Native, Tailwind CSS, Socket.io, **Expo**.

Back-End: Node.js, Express.js, **Nest.js**, **Prisma**, MongoDB, MySQL, SQL Server, PostgreSQL.

DevOps & Cloud: Terraform, **GCP**, Firebase, **Vercel**, Docker, **AWS**.

Testing & Automation: Cypress, Detox, **Jest**, CI/CD.

Other Tools: TanStack Query, Redux, React Hook Form, Swagger, Sentry, I18n

AI Tools: n8n, OpenAI/Claude APIs, prompt engineering

Language: Native **Spanish** speaker, Proficient speaking **English**.