Juan Barriteau

Software Engineer • Software Architect • Consultant

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Professional Summary

Full Stack Software Engineer with 20+ years of experience designing and delivering scalable web applications, APIs, and cloud-native solutions. Specialized in Node.js, ECMAScript, API design/building/deployment/maintenance, with strong expertise in DevOps, CI/CD pipelines, and observability. Proven ability to architect minimalist yet powerful high-traffic systems optimized for performance. Extensive experience collaborating with international teams. Passionate about clean, robust, efficient and maintainable code. Unorthodox RESTafari.

Key Skills

- **Back-end & APIs:** Node.js, Deno, WebSockets, REST, JSON:API, OpenAPI, Swagger.

- **Front-end:** Responsive Design, Accessibility, Standards Compliance and Vanilla JS Advocate.

- **Cloud & DevOps:** AWS Lambda, API Gateway, Docker, Jenkins, GitLab, Github, Elastic Stack.

- **Databases:** PostgreSQL, SQLite, Redis, MongoDB, MySQL.

- **Testing & QA:** k6, SOAPUI, Webload.

- **Agile & Collaboration:** Scrum Master certified, Kanban, international team experience.

- **AI Assisted Coding:** Gemini CLI, Copilot, Codex.

Professional Experience

Consulting & Freelancing — Caracas (2024–Present)

- Designed and implemented privacy-focused, reproducible workflows for international clients.

- Built web applications and APIs with Node.js, Deno, htmx, SQLite and PostgreSQL.

ReaXium — Senior Software Architect / Developer — Caracas (2022–2023)

- Designed scalable APIs powering high-traffic product pages.

- Modernized legacy systems with AWS services and CI/CD pipelines.

- Collaborated with QA, designers, and product managers to deliver end-to-end features.

FirmwareCO — Software Architect — Caracas (2019–2022)

- Architected and deployed full-stack applications with Node.js and React.

- Implemented CI/CD pipelines with Docker and Jenkins, reducing deployment time by 40%.

- Introduced Elastic Stack monitoring, improving system observability and reliability.

- Led Scrum adoption, increasing delivery speed and collaboration.

Grupo Algoritmia, CA — Web Consultant — Caracas (2014–2019)

- Designed and developed web applications and services in full-stack roles.

- Implemented version control schemes and CI/CD pipelines across multiple projects.

- Supported DevOps activities and agile methodologies.

ST Digital Computer — Software Architect / Engineer — Caracas (2023–2024)

- Designed and developed scalable software platforms.

- Implemented version control and continuous integration schemes.

- Supported DevOps activities and platform maintenance.

(Additional roles from before 2014 available upon request, including consulting for FAO and MAPFRE)

Certifications

- **Scrum Master** — Scrum Agile Institute (2020)

- **English Language Course (CEFR B2)** — British Council (2015)

Education

- Unexca — Senior Technician in Informatics (unfinished)

- Universidad Central de Venezuela — Electrical Engineering (unfinished)

Languages

- Spanish — Native

- English — CEFR Level B2~C1 (Between Upper-Intermediate and Advanced)