

Bryan Alvarado Cárdenas

> **Senior Full-Stack Engineer with 9+ years of experience** building and shipping production TypeScript/Node.js and Python software, with a focus on developer tooling: MCP servers, agent skills and cloud-connected clients integrated with REST/BFF backends. I use AI coding agents daily (Claude Code, Codex) for implementation, refactoring, debugging and test generation, build MCP servers and skills that give them safe, structured access to internal tools. Claude Certified Architect CCAF. I automate build, signing and release pipelines in CI/CD and keep regressions low through unit, integration and E2E testing. I mentor developers, lead code reviews and work in agile, international teams. Computer science engineering degree and a master's in project management.

Details

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Skills

- **Core**: TypeScript, Node.js, JavaScript, REST API design & integration
- **Frontend**: React, Redux, Next.js, Astro, Vanilla JS
- **Backend**: Node.js, Express, Hono, Python (FastAPI), PHP (Laravel, Symfony), C# (Entity Framework)
- **DB**: PostgreSQL, MySql, SQLite, MongoDB, DynamoDB, Redis
- **Cloud & DevOps**: AWS, CDK, Lambda, Serverless, Cloudflare, Firebase / Google Cloud, CI/CD pipelines, release automation, Git branching & PR workflows
- **Testing**: Unit, integration and E2E: Jest, React Native Testing Library, Playwright, Detox, Maestro, Cypress
- **Product Engineering**: End-to-end feature ownership, performance optimisation, production

Employment History

▼ Senior Full Stack Developer, Wunderdog, Málaga

June 2024 - Today

- Design, develop and maintain complex features in Finnair's React and React Native apps (iOS and Android) using TypeScript and Redux, integrated with backend REST APIs/BFF layers.
- Own parts of the build, signing and release process for iOS and Android, including release automation in CI/CD, and provision infrastructure with AWS CDK.
- Improve app performance and fix stability issues using crash analytics and production data.
- Maintain a low regression rate with unit tests (Jest) and E2E tests (Maestro, Playwright); run code reviews, define coding standards and mentor teammates.
- Use AI coding agents (Claude Code, Codex) daily, and build MCP servers and agent skills with deterministic, structured tool schemas that give them safe access to internal tools and let them run multi-step workflows.

▼ Senior Full Stack Developer, Nixi1, Madrid

February 2023 - June 2024

- Built and scaled features of the nixi1 chat platform with React, Redux and TypeScript, optimising rendering and state management for long conversations and high message volume.
- Developed and maintained React Native apps for iOS and Android, including native modules (Swift/Kotlin), WebView/JS bridging, media and file sharing, and push notifications.
- Developed AWS-deployed backend services and API integrations in Python (FastAPI) with PostgreSQL and Redis, using async processing and WebSockets for concurrent users and reliable real-time message delivery.
- Managed multi-environment builds (dev, staging, production), code signing and App Store / Google Play releases for custom white-label client apps, with unit tests in Jest.
- Fixed production crashes and performance bottlenecks using Sentry/Crashlytics monitoring data; took part in code reviews and agile ceremonies.

▼ Semi Senior Full Stack Developer, Guud TV, Madrid

February 2020 - February 2023

- Developed and extended a live streaming platform with Next.js, React/Redux and TypeScript (SSR/SSG, SEO, performance), used by a large audience during live events

debugging, agile development, technical mentoring, cross-functional collaboration

- **Mobile**: React Native, iOS & Android, WebViews & JS bridging, native modules (Swift/Kotlin), push notifications, App Store & Google Play releases
- **Real-Time**: Socket.IO, WebSockets, real-time data interactions
- **DevOps Integrations**: GitHub, Jira, Slack
- **Monitoring**: Sentry, Crashlytics, Datadog
- **AI-Native Engineering**: Daily use of Claude Code, Codex; test generation, refactoring, debugging, Spec-Driven Development with AI agents; Claude Certified Architect
- **Practices**: Agile/Scrum, code reviews, mentoring, coding standards, Product ownership

Languages

- 🇬🇧 English
- 🇪🇸 Spanish (Native)

events.

- Designed and built backend services and REST APIs with Node.js/Express and Serverless (AWS Lambda), handling traffic peaks with automatic scaling.
- Set up CI/CD pipelines on AWS with automated build, test and deployment across dev, staging and production environments.
- Implemented real-time features for live streams with WebSockets and Redis (pub/sub, caching), supporting many concurrent viewers with low latency.
- Maintained and modernized legacy Vanilla.js applications while keeping them stable in production.

▼ Semi Senior Mobile Developer, Micappital, Madrid

December 2019 - February 2020

- Built the Micappital mobile app from scratch with React Native and Redux for iOS and Android.
- Implemented push notifications with Google Cloud and Firebase.
- Handled build, signing and publishing to Google Play and the App Store.
- Integrated the app with backend REST APIs and managed application state with Redux.
- Delivered the first production release of the app in about two months, working closely with product and backend teams.

▼ Junior Full Stack Developer, Átiko 7, Quito

February 2017 - November 2019

- Built delivery and logistics mobile apps with React Native and Redux, including real-time GPS tracking, maps, geolocation and background location updates.
- Implemented push notifications, file and image management (capture, upload, compression, storage) and offline-tolerant flows for field users.
- Developed Node.js/Express REST APIs and backend services built for many concurrent users and high request volume, with Firebase real-time features.
- Managed dev, staging and production environments, builds and store releases for iOS and Android.
- Delivered projects end to end for different clients, from requirements to deployment and maintenance, with code reviews and Git branching workflows.

Education

Master in Project Management, EAE Business School, Madrid

October 2019 - October 2020

Minor in Agile Development, EAE Business School, Madrid

October 2019 - October 2020

Computer Science Engineer, Pontificia Universidad Católica del Ecuador, Quito

August 2012 - July 2017

Certifications and Awards

Claude Certified Architect

Anthropic - 2026

Scrum Master Certification

European Scrum - 2020

Product Owner and Innovation, Design Thinking Certification

Future of Work Lab - 2018

Javascript Certification

JS Conf Colombia - 2016

Hackathon Winner

Angelhack Ecuador - 2018