

William Balance

Forward Deployed Engineer • AI agents and LLMs in production • React / Node.js / AWS • 10 years

Seoul, KR • williambalance33@icloud.com • linkedin.com/in/williambalance • williambalance.com

// available now • no visa sponsorship needed

830k+ registrations • 419k people • 26k on one event • €7.5M invoiced

01 – SUMMARY

Forward deployed engineer with 10 years of full-stack work on React, Node.js and AWS: I work closely with business teams, learn how their processes really run, and deliver the AI that automates them. Sole engineer behind Gayakoa since December 2018, an event SaaS trusted by clients such as Dior, John Deere, Intermarché and Crédit Agricole: I own it from architecture to production support. I put LLM features into production (Claude, OpenAI, Gemini) and ship with AI coding agents every day.

03 – CORE SKILLS

AI
Claude, OpenAI and Gemini APIs, tool use, AI agents, AI coding agents, prompt engineering, LLM pipelines

FRONT-END

React, TypeScript, React Native, Flutter, Three.js

BACK-END

Node.js, REST APIs, WebSocket, serverless, microservices

CLOUD & DATA

AWS (Lambda, API Gateway, S3, CloudFront, Rekognition), Cloudflare Workers, MySQL, PostgreSQL, Neptune

PAYMENTS & HARDWARE

Stripe Checkout and Terminal, RevenueCat, SMS router, badge printing

QUALITY

Jest, Vitest, Playwright, GitHub Actions

04 – EDUCATION

Master's-level qualification, IT and Information Systems (RNCP 7, EQF 7)
Ynov, Bordeaux
2014 → 2019

Baccalauréat S, engineering science

Lycée Alfred Kastler
2014 • BIA

05 – LANGUAGES

French native
English TOEIC 920 (2024)
Korean learning

06 – LICENSES

Private Pilot License (PPL)
France

02 – EXPERIENCE

Gayakoa – Senior Full-Stack Engineer DEC 2018 → NOW (present)

Freelance, sole engineer. Multi-tenant SaaS for ticketing and events: 830,000+ registrations from 419,000 people, up to 26,000 on one event. Clients: Dior, John Deere, Intermarché, Crédit Agricole, Comexposium (SIAL), French Football Federation, Servier, Truffaut.

AI in production

- Maya: plain-language questions turned into SQL, charts and shareable reports (Claude API, tool use).
- AI email designer that checks its own output, translation, company enrichment with web search.

Payments and on-site

- €7.5M invoiced across 42,000+ invoices: Stripe Checkout per client account, Stripe Terminal and SumUp on site, promo codes, quotas.
- Badge designer and printing, QR and barcode check-in, Flutter photo kiosk, face recognition (AWS Rekognition).

Platform

- Serverless AWS (Lambda, API Gateway HTTP + WebSocket, S3, CloudFront): 440+ API routes, 60 business domains, public partner API, CI that redeloys only what changed.
- Back office in two generations (80+ sections). Attendee site rebuilt in 69 days: React 19, strict TypeScript, 1,600+ tests, white-label, 6 languages.
- Live events: streaming, polls, quizzes, Q&A, SMS voting through an SMS router.
- Security for banks and insurers: tenant isolation with alerting, scoped API keys, OTP.

stack / TypeScript, React, Node.js, AWS Lambda, MySQL, Stripe, WebSocket, Claude API, Flutter

Self-employed – Independent Product Engineer JUN 2026 → NOW (present)

Alongside Gayakoa: five products in four months, built alone with AI coding agents.

- PhotoNeat, SkyHaul, BreathCove: three iPhone apps on the App Store (React Native).
- Passing Line (passingline.com): exam-prep app on the web (iOS app in review). 3,400+ questions written and cross-checked by an LLM pipeline I designed. About 900 tests.
- Loop: runs Claude Code agents through dev, tests and real-browser checks, with human validation. 239 tasks landed in two weeks.

stack / React Native, TypeScript, Cloudflare Workers, Claude Code, Node.js, Playwright

Other clients – Full-Stack Developer (freelance) AUG 2018 → MAR 2023

- Professeur Caché (2022-23): educational quiz game, built from scratch. React, Node.js, AWS, PostgreSQL.
- YouWho (2021-22): short-video social app on a graph database. React Native, React, AWS Neptune.
- Galilée (2021) and Job Connexion (2018-19): Node.js APIs. IdeeL (2022) and Wazza (2018): React front ends.

AT Internet – Full-Stack Developer (internship, work-study) JUN 2016 → AUG 2018

- Security and access-rights team of a web analytics product: permission management and platform security.
- Migration from AngularJS, C# and Kubernetes to React, Node.js and AWS microservices. Scrum and Kanban.

stack / React, Node.js, AWS, AngularJS, C#, Kubernetes