

Brian Sittmann

Junior Java Backend Developer

Dublin, Ireland | EU Citizen (German passport): full right to work in Ireland, no sponsorship required

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PROFESSIONAL SUMMARY

Junior backend developer specialising in Java and Spring Boot, based in Dublin with full EU working rights. Professional Spring Boot experience at Indra/Minsait, one of Spain's largest technology consultancies, and a final-year project graded 10/10: a secured REST API of 18 endpoints built with Spring Boot, Spring Security and JWT. Creator of Mango, a live personal finance app with 15 active users, built end to end with PostgreSQL, a WhatsApp bot powered by Gemini and an MCP server for Claude and ChatGPT. Seeking a Junior Java Developer role contributing to backend services in an agile team.

TECHNICAL SKILLS

Languages: Java, SQL, TypeScript, JavaScript, PHP

Backend: Spring Boot, Spring Security, JWT, Hibernate / JPA, REST API design, Maven, Node.js, Next.js API routes, webhooks

Databases: PostgreSQL, MySQL, MongoDB, Supabase (row-level security, migrations)

Frontend: React, Next.js, React Native, HTML, CSS, Tailwind CSS

AI & Integrations: Model Context Protocol (MCP), Google Gemini API, OpenAI API, WhatsApp Cloud API, OAuth 2.0 (Google)

Testing & Tools: Playwright (end-to-end), Git, GitHub, Swagger / OpenAPI, Jira, Scrum, IntelliJ IDEA, Vercel, AWS (Cloud Practitioner, in progress)

PROJECTS

CalorIA: AI Nutrition Coaching App | Final-year project, graded 10/10

Java 17, Spring Boot 3, Spring Security, MongoDB Atlas, OpenAI API, React Native |

github.com/briansittmann/caloria-backend

- Designed and built a REST API exposing 18 endpoints across 5 controllers in a layered architecture (controller, service, repository, DTO).
- Implemented stateless JWT authentication with Spring Security, consumed by the mobile client through an Axios interceptor.
- Integrated two OpenAI assistants for meal analysis and recipe generation based on user macros and allergies.
- Documented the full API with Swagger / OpenAPI and kept all credentials out of source control using environment variables.

Mango: Personal Finance App with a WhatsApp Bot | Live in production, 15 active users | *Sep 2026 – Present*

TypeScript, Next.js, PostgreSQL (Supabase), Google Gemini API, WhatsApp Cloud API, MCP, Playwright, Vercel |

usemango.dev

- Designed and built the whole product solo: users sign up on the web and log income and spending from a dashboard or by texting or sending voice notes to a WhatsApp bot.
- Built the WhatsApp webhook with HMAC signature verification and idempotent handling of Meta retries; Gemini turns free text and audio into typed actions validated with Zod.
- Modelled the PostgreSQL schema over 42 versioned migrations, with row-level security isolating every user's data; users sign in with Google OAuth or a one-time email code.
- Built an MCP (Model Context Protocol) server so users can connect Mango to Claude and ChatGPT and query, log and edit their spending, income, budgets and savings from the assistant.
- Covered the main user flows with Playwright end-to-end tests; bilingual app (English and Spanish).

RecuperAR: E-commerce Platform | Live in production

React, Vite, PHP, MySQL, JWT | recuperarsm.com.ar | github.com/briansittmann/recuperAR

- Built and deployed a live e-commerce site with product catalogue, variants, cart and full order flow.
- Designed and implemented a 26-endpoint REST API with a custom JWT authentication layer, and modelled the MySQL schema.

PROFESSIONAL EXPERIENCE

Software Developer Intern | Indra / Minsait | Valencia, Spain | *Mar 2025 – Jun 2025*

- Developed and maintained REST services in Java and Spring Boot for enterprise client systems.
- Built and integrated front-end components with the ZK Framework against backend endpoints.
- Wrote SQL queries against relational databases to support feature development and bug resolution.
- Worked within a Scrum team using Git and Jira, contributing to daily stand-ups and sprint planning.

Freelance Web Developer | Self-employed | Remote | *May 2022 – Present*

- Deliver client websites and web apps end to end, from requirements gathering through to launch and handover, including the RecuperAR e-commerce platform (see Projects).
- Manage hosting, custom domains and production MySQL databases for live client sites.

IT Support Technician | Clínica Asmel | Argentina | *2016 – 2018*

First- and second-line support for 20 staff: Windows workstations, hardware faults and the internal network.

Hospitality Management | Ireland & Spain | *2018 – Present*

Supervised bilingual (English/Spanish) teams at D'Olier Street Restaurant (Dublin), Meliá Hotels (Ibiza) and Ricard Camarena (2 Michelin Stars, Valencia) while transitioning into software development.

EDUCATION

Higher National Diploma, Multi-platform Application Development | Florida Universitaria | Valencia, Spain | *Sep 2023 – Feb 2026*

C1 Advanced (CAE) | Cambridge English

Marketing | Universidad de Negocios | Argentina

LANGUAGES

Spanish: Native | English: C1 (Cambridge CAE)