

Benjamin Bouvier

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Senior Full Stack Software Engineer & Engineering Leader (10+ years) building scalable web & cloud applications. I lead engineering teams and develop robust frontends (React, Next.js, Ionic) and design efficient backend architectures (Node.js, GCP, AWS) with a strong focus on performance, scalability, and clean architecture. I'm focused on building products that seamlessly blend strong engineering with great user experiences, leveraging AI and automation to drive efficiency and innovation. Passionate about high-performance systems and AI-powered applications, I bridge technical excellence with real-world impact through effective team leadership and hands-on development.

ACHIEVEMENTS

- **DigitalKin** : Leading the technical architecture and team for an AI agent marketplace platform, orchestrating frontend, backend, and AI development teams. [Learn more](#)
- **Knockk** : Designed and launched a scalable social platform with **500K+ users** and **1.7M real-life connections**, integrating AI-powered moderation and user engagement automation. [Learn more](#).
- **EA Games** : Automated the production of multilingual video trailers with region-specific restrictions (PEGI, ESRB), reducing delivery time from **days to hours** thanks to a TDD approach applied using Node.js and ExtendScript.
- **Goodwall** : Led the development of a platform connecting **1M+ users**, contributing to a **\$6M** seed funding round.

EXPERIENCE

DigitalKin

Full Stack AI Platform Developer - Head of Engineering

Lyon, France
Feb 2025 - Present

Results: Leading the development of the AI agent marketplace platform, on track to launch MVP in under 6 months

- Leading technical team across frontend, backend, and Python AI developers, ensuring seamless platform integration.
- Architecting real-time data streaming for AI agent computing with event-driven pipelines and sub-second latency.
- Coordinating with marketing to analyze usage metrics and insights, enabling data-driven product decisions.
- Establishing technical standards and best practices across teams for code quality and maintainable architecture.
- Managing technical and business priorities, overseeing partnerships, and user growth to support the rapid scale-up of the platform.

Knockk

Engineering Team Leader - CEO

Lyon, France
Nov 2020 - Feb 2025

Results: 500K+ users, 1.7M connections facilitated, AI-powered automation & moderation and 4.5/5 rating on the App Store

- Designed and implemented the entire backend using a serverless, event-driven cloud architecture (Node.js, GCP Pub/Sub, Cloud Functions/Run), optimized for scalability and high-performance workloads.
- Integrated AI-powered content moderation to detect and filter inappropriate content, improving user safety and engagement.
- Implemented AI-driven automation in customer support workflows, enhancing response times and reducing manual intervention.
- Developed the full web interfaces and shared web pages for mobile apps, reducing development time and ensuring a seamless user experience across web, iOS, and Android platforms.
- Managed technical and business priorities, overseeing partnerships, and user growth to support the rapid scale-up of the platform.

Wide Agency

Frontend and Mobile Engineer

Geneva, Switzerland
Jan 2017 - Dec 2021

Designed and delivered high-impact web and mobile applications for major clients including EA Games, Nespresso, EasyGym (EasyJet), and Pictet, improving customer engagement and operational efficiency.

- **EasyGym (EasyJet)**: Created a [hybrid Ionic app](#) to automate gym access and class bookings, increasing customer satisfaction.
- **EA Games**: Developed a business application to automate multilingual video production, reducing time-to-market with Node.js and Adobe ExtendScript.
- **Transports Lausannois**: Created a [hybrid Ionic app](#), enhancing subscriber engagement through benefits with partner establishments.
- **Pictet**: Developed a secure and intuitive client space using React/Nuxt, serving thousands of users.
- **Nespresso**: Maintained and optimized React-based web applications, improving performance and stability.

Goodwall

Lead Developer

Geneva, Switzerland
Feb 2014 - Jan 2017

Results : 1M+ users, 16K active schools, and \$6M seed funding raised.

- Led the web development team, overseeing architecture, design, development, and deployment of platforms.
- Implemented Agile methodologies, improving efficiency and collaboration within a multicultural team.
- Ensured code stability and scalability through robust guidelines and unit tests.

SKILLS

- **Frontend & Mobile** : React, React Native, Next.js, Nuxt, Vue.js, Angular, Ionic, Tailwind CSS.
- **Backend & Cloud** : Node.js, Fastify, Express.js, Kotlin, GCP (Pub/Sub, Cloud Run, Functions, API Gateway, Cloud Storage), AWS (Lambda, API Gateway, DynamoDB), REST APIs, gRPC, WebSockets.
- **Databases** : MongoDB, SurrealDB, Firestore, SQL, Redis.
- **DevOps & Monitoring** : Exposure to CI/CD pipelines (Github actions, GitLab CI, Jenkins) and Docker for deployment workflows. Monitoring using GCP Logging and Sentry.
- **Testing & Quality** : TDD, Jest, Mocha, Cypress, Sinon.js, ESLint.

EDUCATION

- **Supinfo** | *Master's Degree in Computer Science* 2011 – 2013 | San Francisco, USA
- **Les Gobelins** | *Bachelor's Degree in Computer Science* 2008 – 2011 | Annecy, France