Jack Sacali

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PROFESSIONAL SUMMARY

Senior Software Engineer with 10+ years of experience specializing in high-scale web architectures. Proven track record of engineering mission-critical systems, from high-volume travel platforms serving 100M+ daily requests to self-hosted SaaS solutions that standardize internal development. Expert in the modern TypeScript ecosystem (React, Angular, Node.js, GraphQL) with a focus on performance, reliability, and developer experience.

WORK EXPERIENCE

Senior Software Engineer   **March 2022 – Present**
IKEA   Amsterdam, NL

- **Internal Product Initiative**: Co-initiated "Flexa" to solve 2+ years of redundant development cycles in Fulfillment Forecast & Planning. Recognized that teams were rebuilding the same visualizations repeatedly, so we built a unified solution.

- **Core Differentiator (Read/Write)**: Engineered a low-code visualization engine that outperforms standard tools (like PowerBI) by enabling bidirectional data binding allowing users to not just visualize complex logistics data, but also mutate/adjust plans directly within the dashboard.

- **From Prototype to Platform**: Built the initial Frontend-heavy prototype with one partner, successfully proving business value to secure a dedicated team. Scaled the project from an MVP to a full Internal SaaS with Authentication, Workspaces, and RBAC.

- **Micro-Frontend Architecture**: Evolved the platform to support external application integration, allowing different teams to inject their own JavaScript bundles and modules into the central hub.

- **Adoption & Scale**: Currently adopted by multiple core teams for high-traffic use cases, reducing the time to spin up new internal tools from months to days.

Senior Software Engineer   **November 2017 – February 2022**
KLM   Amstelveen, NL

- **Large-Scale Web Application Development**: Developed core business modules (check-in, trip, search, profile) for the "BlueWeb" platform using Angular and GraphQL, working within a distributed agile department of ~80 developers across 10 sub-teams.

- **Keeping the Stack Alive**: Managed the complex process of keeping a massive enterprise codebase on the latest version of Angular. This occasionally required direct collaboration with Google's Angular team to fix edge cases that only appear at our scale.

- **High-Volume Data Integration**: Built and optimized frontend features consuming a federated GraphQL layer, serving 100+ million daily requests and supporting ~€2.25 billion in monthly revenue (for both Air France & KLM).

- **Load Testing Specialist**: Became the go-to person for stress-testing the GraphQL aggregation layer. Maintained the Gatling (Scala) load testing suite for 3+ years, executing daily performance validations in Jenkins to ensure APIs could handle 100M+ daily requests.

- **Critical Delivery:** Led the worldwide rollout of the new Check-in flow and "Automated Document Check" (ADC), executed the migration to Flying Blue 3.0 through the web app profile section. Also ran the technical effort to get our frontend code GDPR compliant before the regulatory deadline.

WORK EXPERIENCE

Frontend Developer (Internship)   **March 2017 – October 2017**
de Bijenkorf   Amsterdam, NL

- **Market Entry & Rapid Adaptation**: My first role in the Dutch tech ecosystem. Successfully transitioned from legacy PHP experience to a modern React stack, contributing directly to the checkout codebase of the Netherlands' premier luxury retailer.

- **Checkout Optimization**: Worked within the core e-commerce team to improve the checkout flow UX. This is where I mastered the standards of enterprise development, adopting strict Agile workflows, Git best practices, and CI/CD pipelines.

Full Stack Developer   **2012 – 2016**
Freelance   Remote / Hybrid

- **End-to-End Delivery**: Delivered 40+ custom web solutions for SMB clients in e-commerce and media, managing the full lifecycle from requirements gathering to deployment.

- **CMS Ecosystems**: PHP-based content management systems Drupal & WordPress, writing custom plugins and themes to meet specific client business needs.

- **Client Management**: Operated as a technical consultant for non-technical business owners, translating their requirements into functional, revenue-generating websites.

Web Developer & Server Administrator   **2006 – 2012**
Phoenix Web Development   Latakia, SY

- **Linux Server Administration**: Managed dedicated hosting environments using WHM/cPanel. Responsible for server provisioning, DNS configuration, email routing, and security hardening for client websites.

- **Early Web Communities**: Built and maintained high-traffic community forums and portals using PHP-Nuke and vBulletin, handling database optimization (MySQL) to support active user bases.

- **LAMP Stack Development**: Developed dynamic websites using the classic Linux, Apache, MySQL, PHP stack, gaining a foundational understanding of backend logic and database relationships long before modern frameworks existed.

EDUCATION

Full Stack Web Development   **2017**
HackYourFuture   Amsterdam, NL

Bachelor's Degree of Media & Journalism   **2011**
Damascus University   Damascus, SY

TECHNICAL SKILLS

Languages | JavaScript, TypeScript, PHP (Legacy)
Frontend | React, Angular, Next.js, Micro-frontends, Vite, Webpack.
Backend | Node.js, NestJS, GraphQL, REST APIs.
Infrastructure | CI/CD, GCP, Docker, k8s