

Arnaud Gissinger

Senior Software Engineer

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SUMMARY

Software engineer with over 6 years of expertise in building projects from conception to launch. Passionate and hacker-minded, I enjoy facing and solving complex problems, architecting scalable systems, and shipping software that is a joy to use. As a former solo founder, I have also learned the importance of building fast, prioritizing tasks, managing my time and projects. I am looking for the next project that will level up my skills and career, as well as drive my passion for building amazing products.

EXPERIENCE

Solo Founder at Peach

Oct 2020 - Present

- Architected, built, and optimized 7 different products, including a streaming platform reaching 500k MAU without funding.
- Solved key business challenges, such as rapid growth and efficient user/creator acquisition, by building an automated content promotion tool for creators. Resulting in 5M+ views per creator per month and a 5x increase in conversions.
- Built a custom parallel video processing pipeline utilizing FFmpeg on AWS Batch, which was 3x cheaper and 10x faster than available alternatives.
- Utilized various tools to track KPIs and user behavior, improving conversions by 200% and retention by 50%.
- Scaled the whole architecture, keeping its global latency under 200ms despite its highly connected social graph.
- *Technologies used:* Vue, Nuxt, TypeScript, Python, React, AWS, Neo4j, DynamoDB

Solution Architect Freelance & Consultant

Jan 2020 - May 2023

- Analyzed client's employee workflows and developed an AI-powered invoicing and field-reporting system, saving over 5 hours per week per employee and significantly reducing error rates.
- Consulted on the development of a robust and secure on-premise platform to facilitate collaboration among research institutes, resolving issues that had stalled a team of software engineers.
- Conducted competitive analysis, user interviews, and developed a tailored e-commerce solution.
- *Technologies used:* Vue, Nuxt, TypeScript, Python, LLMs, PostgreSQL, Supabase, Vercel

Software Engineer at Dropcontact.com

Jul 2019 - Jan 2020

- Helped scale a rapidly growing SaaS incubated by HEC at Station F, the world's largest startup campus.
 - Led the transition from monolithic to scalable and cost-efficient architecture on AWS, reducing costs by 90%, latency by up to 500%, and drastically decreasing downtime.
 - *Technologies used:* Python, Django, Go, AWS, Serverless, DynamoDB, Redis, MongoDB
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SKILLS

- **Programming Languages:** Typescript (expert), Node.js (expert), Python (expert), Go (intermediate)
 - **Development Frameworks:** Nuxt (expert), Vue (expert), React (intermediate), Django (intermediate)
 - **Cloud & Architecture:** AWS (expert), Serverless (expert), Event Driven Architectures (expert), GCP (intermediate)
 - **Databases:** DynamoDB (expert), Neo4j (expert), PostgreSQL (advanced), Redis (advanced), MongoDB (intermediate)
 - **Other:** Client communication, Agile & Scrum Methodologies, Big Project Management
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OPEN SOURCE

- Over 600 stars on GitHub for personal projects.
 - Contributor to several high-impact projects, including Nuxt, Neo4j, Google Shaka Project, and Umami Analytics.
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EDUCATION

IT Architect at 42 School, Paris in 2018. Finished 7th out of 1000 during selections competing against people aged 18 to 35.