

Arthur Papailhau

Senior Software Engineer · Founder

San Francisco – USA

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Values

Strong communication and collaboration are as important to me as technical execution. I have worked closely with cross-functional teams such as Product Managers, Designers, Data Scientists, and UX Researchers to ensure that we are aligned on project goals and delivering high-quality products at scale.

You can read more about what strong communication means to me in my blog post [here](#).

Professional Experiences

Founder, San Francisco, USA

Oct 2025 – Present

- Built AI-powered SaaS products end-to-end from ideation to production and early users
- **Ideate** ([ideate.build](#)): Describe an app idea and get a working prototype in seconds
 - Full-stack AI agent generating production-ready web apps; Stripe billing; containerized cloud execution
- **Appily** ([appily.dev](#)): Prompt-to-App-Store platform, no coding required
 - End-to-end system from prompt to deployed mobile app; scalable SaaS architecture and agent workflows
- Teaching vibe coding and AI agents

Meta AI/MSL - Senior Fullstack AI Infra Engineer · Tech Lead, San Francisco

2024 – 2025

- The Core Experience team is the central MetaAI team working on all AI experiences at Meta, across all FoA (Family of Apps): Messenger, Instagram, Facebook, WhatsApp, and the new Meta AI app
- Tech Lead · MetaAI Core Experience Team
 - Search integration and feedback loop
 - Rich Responses workstream - Created a native markdown parser to improve bot responses readability
 - Code Formatting (syntax highlighting) workstream and wrote the Parser
 - Reasoning capabilities & AI Long Term Memory

Uber · iOS Senior Software Engineer, 6.5+ years · San Francisco, USA

2017 – 2024

- iOS Tech Lead · UberEats Storefront Team · Led ~20 engineers
 - Building a new iOS Storefront experience enabling new verticals (restaurants, groceries, pharmacies, etc)
 - Storefront is a Core Platform & Product team, about 10 teams are working in our codebase and implementing new features (checkout, pickup, groceries, promo, ads, etc)
 - UI designed (Figma), architected, and led the implementation of the past & active orders experience
 - Led the architecture and mobile implementation of the Checkout to Order Tracking experience
 - Founding team member of Storefront, interviewed and mentored most of the engineers
- Founding member of the Uber Design System. (iOS, Android and Web)
- Developed an internal iOS SDK to build native applications from the backend: [Screenflow](#). (Similar to React Native)

Extracurricular

- Uber Hackathon Winner 2019 & 2021. ([demo video](#))
- Created the Uber Mentoring Program with [Superposition](#). (Around 100 mentors, 100 mentees)

Full Stack Software Engineer, Sigfox (startup) · Toulouse, France

2017

- Full Stack: React.js, Redux, Node.js, MongoDB, Redis | Building open source IoT Web libraries

Full Stack Software Engineer, IBM Extreme Blue, IBM · Dublin, Ireland

2016

- Developed the Web Client and the iOS application of IBM Watson Workspace collaboration tool

Side Projects

AgentsOS.app: <https://www.AgentsOS.app/>

Your AI Coding Agent Operating System

Pote.ai: <https://www.pote.ai/>

SaaS AI SEO: Get Your Business Found on ChatGPT

Job Interviews.ai: <https://www.job-interviews.ai/>

SaaS: Practice your interviews anytime with an AI interviewer and land your dream job!

Skills

Full-stack: Next.js, React.js, Redux, Node.js, MongoDB, HTML/CSS, PHP

iOS: Swift, Objective-C, Cocoa Touch, RxSwift, SnapKit, Interface Builder

Speaking: French: Native, English: Professional working proficiency, Spanish & Swedish: Beginner

Education

INSA · Engineering School, Masters in Computer Science · Toulouse, France

2012–2017

Linköping University, Bachelor in Computer Science · Linköping, Sweden

2014–2015