

ROMAIN JOUFFRET

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SUMMARY

Co-founder and Chief Product Officer with 8+ years building and scaling software across a venture-funded startup and Amazon. Currently leading product for Droplet, an on-premise AI appliance that gives small and medium-sized businesses in regulated industries the productivity of modern AI without any data leaving their building. Background spans distributed systems, ML-driven experimentation, and data-privacy governance as a former Amazon Privacy Bar Raiser. Owns product end-to-end, from concept and architecture through customer pilots, and moves quickly while delivering reliable, well-engineered solutions.

EXPERIENCE

Warp Laboratory, Inc.

Newport Beach, CA

Co-founder and Chief Product Officer

March 2026 – Present

- Lead product strategy and execution for Droplet, an on-premise AI appliance for SMBs in regulated industries (legal, healthcare, financial services, automotive, real estate) where cloud AI is a compliance non-starter for PHI, PII, and privileged client data.
- Designed the product around a fully on-premise deployment model: customers get modern AI capabilities with no data leaving their premises.
- Structured the offering as a three-year lease and launched customer pilots across the photo, automotive, and real estate verticals.

Capital Group

Senior Full Stack Engineer (Contract), Internal Applications Portal

February 2026 – April 2026

- Delivered DevOps improvements for the internal applications portal, including disaster recovery planning.
- Migrated portal authentication to NerveCenter.

Amazon

Santa Monica, CA

Software Development Engineer II, Amazon Private Brands (Marketing & Discoverability)

October 2024 – March 2026

- Designed and implemented distributed agent workflows automating xBR operational pipelines, reclaiming 4+ hours of product manager bandwidth per week and improving cross-service data validation accuracy.
- Built and deployed ML-driven experiments for Marketing & Discoverability using AWS Lambda, Python, and internal experimentation frameworks, improving personalization and merchandising for millions of customers.
- Served as Privacy Bar Raiser: conducted security audits, drove compliance initiatives, and mentored teams on data governance, GDPR alignment, and secure software design.
- Partnered with cross-functional teams to architect scalable cloud microservices and improve reliability to a 99.99% SLA under high-traffic workloads.

Kanopy

Irvine, CA

Software Engineer I

February 2021 – November 2024

- Led development of new features for the Lambda job system (TypeScript, NestJS), achieving a 98% success rate ingesting external supplier files into the Content Management System.
- Upgraded and deployed scalable AWS ECS container services in TypeScript and NestJS, reducing post-release errors from 2,000+ per day to near zero.
- Revamped the asset bundling and versioning system, accelerating throughput of published titles by 150% year over year.
- Engineered a service to sync databases with a third-party API, saving the publishing team 4 hours per day on data exports.
- Automated caption format conversion with ccconverter and Nuxt.js, reducing editing time by 80%.
- Added an AWS S3 post-processing pipeline that accelerated file availability on the platform.

HeadMind Partners**Paris, France***Digital Business Application Consultant**October 2019 – May 2021*

- Managed automation projects for Electronic Program Guides at a major French telecom operator, ensuring timely and safe deployments to 4M+ consumer set-top boxes.
- Led acceptance, quality assurance, and deployment phases for Content Management System releases.
- Created acceptance processes and documented QC software and Excel tooling used by management teams.

Kanopy**San Francisco, CA***Back End Software Engineer**February 2018 – February 2019*

- Built and supported PHP business tools for accounting, ERP integration, billing and invoicing, data analysis, and reporting; managed modernization of the PHP and Drupal architecture.
- Created a TypeScript and Vue.js web application for Amazon Fire TV and smart TVs, implementing the complete user interface.
- Served as technical lead for third-party API integrations (including Xero) and data-processing automation; supervised test processes and phases.

Imerys**San Jose, CA***Software Engineering Trainee**August 2016 – January 2017*

- Designed and developed a web application automating project databases from treatment through reporting, using cloud technologies for document sharing; prototyped embedded electronics for filtration systems.

Airbus Defence and Space (Space Systems, Inc.)*Software Engineering Intern, Optimization and Payload Telecom Management Products**July 2015 – August 2015***LEADERSHIP**

Association Cristal**Paris, France***Treasurer, Board Member, and Commercial Engineer**April 2016 – January 2018*

- Created, negotiated, and delivered projects for external clients, including training, customer service, and project guidance; held financial accountability for the organization as treasurer.

EDUCATION

EPITA, Ingénierie Informatique**Paris, France***Master of Engineering (M.Eng.), Multimedia and Information Technology**2013 – 2018***California State University, Monterey Bay****Monterey Bay, CA***Computer Science**2015***SKILLS & LANGUAGES**

Languages & Frameworks: TypeScript, Python, PHP, NestJS, Vue.js, Nuxt.js, Drupal**Cloud & Infrastructure:** AWS (Lambda, ECS, S3), distributed workflows, microservices, DevOps, disaster recovery planning**Product & Leadership:** Product strategy, technical leadership, product operations, product concept, privacy and compliance (GDPR)**Spoken Languages:** French (native), English (native or bilingual), Spanish (elementary)