

# Thomas Seropian

UK / French / Lebanese nationalities  
Currently based in London, United Kingdom

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## Tech Lead / Lead Software Engineer

### Profile

I am a software engineer with 15 years of experience building tech solutions across several industries with a strong entrepreneurial focus. I am equally comfortable with hands-on delivery (i.e. writing code) and managing engineering teams (i.e. helping other developers write code). I help organisations embrace new technologies to solve challenging real-world problems and launch successful products that customers love.

### Work experience

#### Principal Software Engineer for a digital production studio

**Motif**, London, United Kingdom – October 2023 until now (<https://motifgroup.co>)

→ *Responsible for an API-as-a-product and client applications and infrastructures.*

Scoping, designing and building large scale web applications for various clients as well as starting a greenfield API-as-a-product focusing on large B2B clients. Defining ways of working & software development lifecycle.

*Technology:* API design, TypeScript, Node.js, Serverless (Lambda/SAM), CDK, AWS, Docker, MySQL, Redis.

#### Senior Software Engineer (contract-based), Remote / London, UK - Jul. to Sep. 2023

→ **Flowtrace**, UK-based company metrics tool provider – Feb. 2023 to Sep. 2023 ([flowtrace.co](https://flowtrace.co))

*Building new features and integrating with data providers API for the core SaaS tool.*

→ **Bulb Energy**, UK-based green energy provider – Mar. to Nov. 2022 ([bulb.co.uk](https://bulb.co.uk)) via [YLD.io](https://yld.io)

*Building new features for rolling out electric smart meter installations across the business.*

*Technology:* TypeScript, Node.js, Kubernetes, Docker, GCP, BigQuery, Postgres, Terraform.

→ **ApprenticeFS**, US-based life sciences startup – Sep. 2021 to Dec. 2021 ([apprentice.io](https://apprentice.io))

*Building new features for an intelligent pharmaceutical manufacturing execution system SaaS platform.*

→ **Condé Nast**, global publishing house – Mar. to Sep. 2021 ([condenast.com](https://condenast.com)) via [YLD.io](https://yld.io)

*Building an internal API & validation library for content migration of 50 publications to a new tech stack.*

→ **Progressive Content**, marketing agency - Sep. 2020 to Feb. 2021 ([progressivecontent.com](https://progressivecontent.com))

*Building a microservices backend for a UK-based banking client's content marketing CMS.*

→ **AND Digital**, software consultancy – Jul. 2019 to Apr. 2020 ([and.digital](https://and.digital))

*Leading a development team part of a cloud transformation project for a UK insurance client.*

*Technology:* Node.js, Serverless, TypeScript, GraphQL, React, Docker, Kubernetes, DynamoDB, Elasticsearch, Github Actions, AWS, GCP, Azure

#### Head of Engineering / Tech Lead for a health-tech startup

**Skin Analytics**, London, United Kingdom – October 2017 to May 2019 ([skin-analytics.com](https://skin-analytics.com))

→ *Responsible for an API-as-a-product, internal and commercial applications and infrastructures.*

Leading technical team (8 members between UK and Poland). Managing infrastructure. Day-to-day management, code reviews and testing. Delivered a Software as a Medical Device commercial API.

*Technology:* AWS, Node.js, Serverless (Lambda), TypeScript, React, MySQL, MongoDB, Docker, Ansible.

#### Technical Lead for an international online media publishing group

**Jamie Oliver**, London, United Kingdom – February to September 2017 ([jamieoliver.com](https://jamieoliver.com))

Managing 3 contractors. Lead a migration from a legacy SOAP CRM to a microservices architecture.

*Technology:* AWS, Node.js, TypeScript, PHP (Laravel), RESTful APIs, Redis, Solr, Vue.js, WordPress, Varnish.

## **Coach / Mentor**, since 2017

Mentoring for the tech lead curriculum for the primary french online education platform [Open Classrooms](#)

## **Team Leader / Technology Manager** for an international NGO

**Internews** London, United Kingdom – April 2015 to December 2016 ([internews.org](#))

→ *Leading the design, development, and delivery of innovation and technology components*

Working with a multidisciplinary team supporting local startups among the most repressive regimes. Leading on delivering news publishing apps. Managing activities' budgets. Speaking at conferences and events.

→ *Managing technology team and resources across multiple projects (8 countries)*

Overseeing the recruitment and day-to-day managing a team of 5 technologists. Ensuring planning, setting priorities, agreeing on detailed work plans, budgets, and schedules. Coaching and mentoring team members. Agile delivery. Responsible for technical architecture and roadmap. Focus on scalability & security.

Technology: Node.js, PHP (Laravel), WordPress, Drupal (7/8), Ansible, Nginx, OpenVPN, encryption.

## **Web Application Engineer** for an international NGO

**Internews** Paris, France / London, United Kingdom - Mar. 2009 to Mar. 2015 ([internews.org](#))

→ *Online freedom of expression, support of local media, digital security*

Designing, developing & supporting multilingual web applications, custom modules. Integration with social network (Twitter, Facebook) APIs. Writing documentation for users. Deployment and monitoring of secure hosting & video platforms. Facilitating training & trainers: website building and digital security (West Africa, MENA).

Technology: Drupal, WordPress, PHP (OOP, MVC), MySQL, Solr, AWS, Vagrant, Nginx, Linux administration

## **Software Engineer** for a social networking service designed for a family use

**Hellotipi.com** Paris, France – February 2008 to January 2009 ([hellotipi.com](#))

Technology: MySQL, PHP5 (OOP, MVC), XML, JQuery, Ffmpeg, Debian, Linux administration

## **ICT Projects Manager** for a local NGO in Armenia

**Fondation KASA** Yerevan, Armenia - March 2006 to September 2007 ([kasa.am](#))

Coordinated Computer training in youth training centres. Developed activities in the two major cities. Managed the recruitment of the local team. Provided technical support for training & social programs.

## **Junior Software Engineer** for e-training IT projects for an international training centre

**Valeo Thermal Systems** Paris, France – March 2005 to February 2006 ([valeo.com](#))

Designed & implemented tools for course support creation (virtual classes, e-learning modules).

## **Education**

### **MSc in Computer Sciences and Innovation**

**Ecole Supérieure d'Informatique, Electronique, Automatique** Paris, France

5 years engineering school in information technologies & electronics ([esiea.fr](#))

→ *Graduated with first-class honours.*

## **Foreign languages**

**French**: Mother tongue

**English**: Fluent

**Spanish**: Basic level

**Arabic**: Beginner

## **Hobbies**

Curating a [weekly music newsletter](#). Collecting records (LPs), mostly nerdy noisy music. [Photography](#) (film and digital). Part of the media team of a [non-league fan-owned football club](#) in East London.