

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

Senior Software Engineer (contract-based), Remote / London, UK - July 2019 to present

→ **Bulb Energy**, UK-based green energy provider – Mar. to Nov. 2022 (bulb.co.uk)

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

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

→ **EmaniRCS**, UK-based early-stage startup – Jan. to Mar. 2022 (emani.io)

Hiring an engineering team, building the product road map and tech strategy, delivering the core product.

Technology: TypeScript, Node.js, React, Serverless (Lambda), Docker, AWS.

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

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

Technology: TypeScript, Node.js, Docker, Angular12, MongoDB, NX, AWS, Elasticsearch.

→ **Conde Nast**, global publishing house – Mar. to Sep. 2021 (condenast.com)

Building and Improving a content migration tool for Conde Nast's in-house engineering teams.

Building APIs and developer tools for automating content migration for 50 publications to a new tech stack.

Technology: Node.js, TypeScript, GraphQL, Express, React, Docker, Kubernetes, AWS, CircleCI, OAuth

→ **Progressive Content**, content marketing agency - Sep. 2020 to Feb. 2021 (progressivecontent.com)

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

Technology: Serverless (Lambda), TypeScript, GraphQL, Node.js, Docker, Jenkins, AWS, Elasticsearch.

→ **AND Digital**, software consultancy – July 2019 to April 2020 (and.digital)

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

Managing a team of 4 developers. Writing code for re-platforming an end-user web application.

Technology: Serverless, TypeScript, Express, Node.js, React, Docker, Kubernetes, Azure, REST, SOAP.

Head of Engineering for a health-tech startup

Skin Analytics, London, United Kingdom – October 2017 to May 2019 (skin-analytics.com)

→ *Responsible for clients, internal and commercial applications and infrastructures*

Hiring and leading technical team (8 members between UK and Poland). Managing applications, cloud infrastructure and releases. Defining roadmaps and priorities and scoping new requirements. Writing code.

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)

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.