

Thomas Seropian

French nationality
Currently based in London, United Kingdom

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Tech Lead / Software Architect

Profile

I am a team leader and software engineer with a 14 years track record in delivery and innovation across several tech companies, nonprofits, and startups. I help organisations to apply new ranges of technologies to solve challenging real-world problems, and ultimately to build and launch successful products that customers love.

I act as a bridge between the engineering team and the rest of the business, with a strong hands-on technical element (to stay relevant to the engineering effort) and management responsibility (to have the authority to get stuff done). Essentially, I like to lead software development and delivery on technically interesting projects.

Skillset: Building web applications. Leading technical teams. System designing. Leadership. Communication with technical and non-technical audiences. High moral fiber. Strong sense of innovation. Design and creation of user stories. Research, prototyping. Flexibility. Hiring, mentoring and performance management.

Work experience

Senior/Lead Full Stack Engineer (contract based) for a software consultancy
AND Digital, London, United Kingdom – July 2019 to present (www.and.digital)

→ *Working on a cloud transformation project for a nationwide insurance client.*

Scoping new requirements for an end-user web application and the related REST micro-services backend. Writing code following test-driven development. Delivering new features. Managing integration with 3rd party back-office services (both REST and SOAP). Code reviews across all teams. Agile (SCRUM) delivery.

→ Technology: Serverless, Javascript, ES6, Express, Node.js, React, Docker, Kubernetes, Azure, REST, SOAP.

Head of Engineering for a med-tech startup

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

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

Managing applications and cloud infrastructure (AWS), including release processes and improvements. Defining roadmaps and priorities. Scoping new requirements. Writing code. Hiring and leading technical team (both in house and contractors), day to day management, code reviews and testing with a focus on security.

Leading design and delivery of a commercial Software as a Medical Device (IEC 62304) cloud-based API.

→ Technology: AWS, Node.js, Angular 7, TypeScript, React, React Native, MySQL, MongoDB, Docker, Ansible.

Mentor and Advisor, since 2018

→ Mentoring for the tech lead curriculum for the main french online education platform [Open Classrooms](https://openclassrooms.com)

→ Coach and advisor for a startup challenge about [Blockchain and social impact](#)

Technical Lead (contract based) for an international online media publishing group

Jamie Oliver, London, United Kingdom – February to September 2017 (www.jamieoliver.com)

→ *Responsible for infrastructure and web applications supporting Jamie's online presence.*

Scoping migration from a legacy SOAP CRM system. Designing and delivering a micro-services brand new CRM pipeline. Managing contractors and permanent developers. Managing AWS infrastructure, release processes and optimisations.

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

Team Leader / Technology Manager for an international NGO

Internews London, United Kingdom – April 2015 to December 2016 (www.internews.org)

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

Working with a multidisciplinary team supporting local start-ups 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.

ICT Projects Manager / Web Application Engineer for an international NGO

Internews Paris, France / London, United Kingdom - March 2009 to March 2015 (www.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. Managing localization, training & support.

Writing user stories & specifications. Managing external contractors and developers, resources & infrastructures: Deployment and monitoring of servers, secure hosting & video platforms. Building & delivering and facilitating training & trainers: website building and digital security (West Africa, MENA).

→ Technology: Drupal, Mediawiki, XML/JSON, PHP (OOP, MVC), MySQL, Solr, AWS, Collectd, Vagrant, Nginx.

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

Hellotipi.com Paris, France – February 2008 to January 2009 (www.hellotipi.com)

→ *Designed, developed and implemented new features for the service.*

Video sharing. Photo tagging. Revamped the registration process. Multilingual support

→ Technology: Debian, Apache, MySQL, PHP5 (OOP, MVC), XML, JQuery, Ffmpeg.

ICT Projects Manager for a local NGO in Armenia

Fondation KASA Yerevan, Armenia - March 2006 to September 2007 (www.kasa.am)

Coordinated Computer training in youth training centres. Developed activities in the 2 major cities.

Managed the recruitment of the local team. Provided technical support for training & social programs.

Assistant Projects Manager for e-training IT projects for an international training centre

Valeo Thermal Systems Paris, France – March 2005 to February 2006 (www.valeo.com)

Designed & implemented tools for course supports 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 (www.esiea.fr).

→ *Graduated with first class honours.*

Foreign languages

French: Mother tongue

English: Fluent

Spanish: Basic level

Arabic: Beginner

Hobbies

Collecting records (LPs), especially nerdy noisy music. Photography (film and digital). Involved in managing a non-league fan-owned football team in East London.