# Thomas Seropian

French nationality, Indefinite leave to remain
Currently based in London, United Kingdom

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## Senior / Lead  Software Engineer

## Profile

I am a senior technologist, with more than a decade experience managing complex technology projects for various types of organisations. I am head of engineering for a med-tech startup, delivering medical applications for both public and private clients. I have been technology lead for an international media group, managing content web applications and infrastructure for supporting millions of unique monthly users. Prior to that, I built and managing a team of 5 technologists for a non profit organisation in London and remotely.

Skill set : Managing web applications, leading technical teams.  System designing. Leadership, communication with technical and non-technical audiences. Strong sense of innovation. Design and creation of user stories. Research, prototyping. Flexibility. Project management. Hiring, mentoring and performance management.

## Work experience

**Head of Engineering**  for a med-tech startup
**Skin Analytics,**  London, United Kingdom – October 2017 to present ([www.skin-analytics.com](www.skin-analytics.com))
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→ *Responsible for clients, internal and commercial applications and infrastructures*
Designing, defining roadmaps, scoping new features and product requirements.  Managing infrastructure, including release processes   and improvements. 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 Medical Device (IEC 62304) cloud based API.
→ *Technology:* AWS, Node.js, Angular 7, TypeScript, React Native, CouchDB, MySQL, Docker, Ansible, Nginx

**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.*
Designing, defining roadmaps, scoping and delivering new features and APIs. Managing AWS based infrastructure, including release processes, optimisations  and improvements.
→ *Technology:* AWS, Node.js, PHP (Laravel), RESTful APIs, Redis, Solr, , Vue.js, WordPress, Varnish.

**Mentor and Advisor,** since 2018
→ Mentoring for the tech lead curriculum for the main french online education platform Open Classrooms
→ Coach and advisor for a startup challenge about Blockchain and social impact
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**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 recruitment and day-to-day managing a team of 4 technologists. Ensuring planning, setting priorities, agreeing detailed work plans, budgets and schedules. Coaching and mentoring team members. Agile delivery. Responsible for technical architecture and roadmap. Strong focus on scalability, quality & security.

→ *Technology:* Wordpress, Drupal (7/8), PHP MVC, Node.js, Ansible, Nginx, OpenVPN, encryption.

**Freelance Consultant** in open source technologies
**Self-Employed** London, United Kingdom – April 2014 to September 2015 (www.seropian.io)

→ *Designing & developing web applications and prototypes for various range of clients*
→ *Areas of work: Drupal, E-Commerce, intranet applications, Infrastructure management.*
Designed and built a subscription-based application, including automated online payments. Agile Prototyping. Developed Intranet and extranet applications including import/export modules for a booking agent. Defined and prioritized user stories in close collaboration with different team members.
→ *Technology:* Node.js, Drupal 7, Drush, Github, Selenium HQ, Vagrant, RESTful APIs.

**ICT Projects Manager / Web Application Engineer** for an international NGO
**Internews** Paris, France / London, United Kingdom - March 2009 to March 2014 (www.internews.eu)

→ *On-line 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 localizations, 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 trainings & trainers on ICT topics. Training of trainers on 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 registration process. Multilingual support. Managed client 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 trainings in youth training centres. Developed activities in 2 major cities.
Managed recruitment of local team. Provided technical support for training & social programs. Participated to feasibility studies & design for countrywide projects.

**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