

Gabriel Klein

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41 y.o. (24th of November 1976) – one child
Swiss and French Nationality

MBA in Management of Technology – EPFL, HEC/UNIL, BiMBA
Master in Communication Systems – EPFL,
Technopreneur, Technical Lead and Agile Web Architect
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Availability: 3-4 months

Profile

I'm an **agile architect** and **technical Lead** with a **master in communication systems** from **EPFL** (ic.epfl.ch) and a **MBA in management of technology** (EPFL EMBA, mot.epfl.ch) joint program between HEC Unil Lausanne and EPFL. With an entrepreneurial mindset, I have helped many startups to grow from a bunch of heroes to a structured and mature company. My objective is to facilitate creativity and empowerment in a team and lead amazing, innovatives projects.



Education

EPFL EMBA, HEC, BiMBA (2012 – 2013)

The EPFL EMBA program is a joint program between EPFL, HEC UNIL and BiMBA targeting entrepreneurship, innovation and management of technology.

<http://mot.epfl.ch>

ing.sys.com.dipl.EPFL (2004)

Master Program in Mathematics, Statistics, Physics, Computer Science and Electrical Engineering. (security, signal processing, vision, networking, computer engineering and systems.)

as **Engineer in Communications Systems EPFL,**
with a **Master in Communications Systems**

<http://www.epfl.ch>

Professional Scrum Master PSMI (July 2012)

<http://www.scrum.org/professional-scrum-master-i-ce/>

Certificat de maturité (1997)

with a **Bac ès Sciences (High School Diploma)**

Work and Education

Education and Certifications	Year	Work Experience
	2018	
	2017	
	2016	
	2015	Future - Léman Micro Devices 2013.07 IT Manager & Software Architect
	2014	
	2013	
Master in Business Administration 2013.12 - EPFL EMBA / HEC Unil 2012.08 (MoT.epfl.ch) (20%)	2013	2013.03 - Sword 2012.09 Consulting Company (80%)
Professional Scrum Master - PSMI 2012.07	2012	2012.04 - SDATAWAY 2011.10 EPFL Engineer
	2011	2011.10 - ElanIT / IMD 2011.09 Mobile Architect and Developer
	2010	
	2009	2011.08 - Poken (Sold to GES) 2008.06 Chief Software Architect
	2008	
	2007	2008.05 - Ads-Click 2004.12 Software Architect & Development Engineer
	2006	
	2005	
		2008 - Epsic (20%) 2004 Instructor in the field of IT development and computer systems
Master in Communication Systems 2004.09 EPFL ing.sys.com.dipl.EPFL	2004	2004 IMD (Master Project) (8 months) Social networks researcher
	2003	2003.09 - Sunrise, Zurich 2003.03 Internship
	2002	EPFL (during my studies)
	2001	Creation of some websites
	...	Fabric CH (1998.11 - 2000.06, 20%) Web developer.
Bac ès Sciences (High School Diploma)	1997	Independent (since 1996) Development of Internet Websites for associations.
Life certificate 1976.11		

Skills

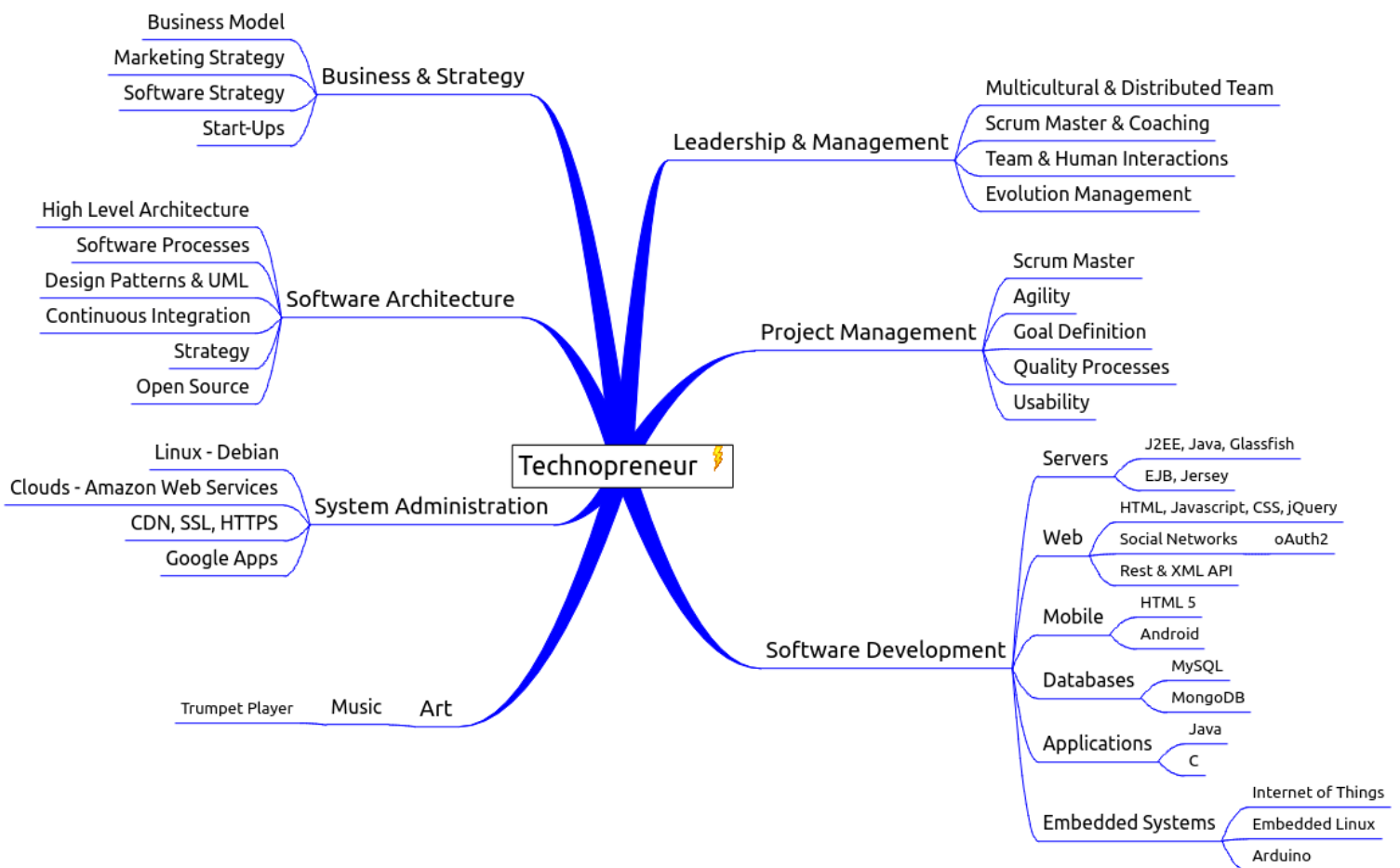
I have worked in three Startups at and through different maturity levels. I have had the opportunity to assume many different roles that require a large set of expertise and I have set processes to develop an efficient team in a pleasant working environment. I love to have different roles tuned to the current need of the company.

I have a particular interest in a mix of technologies – hardware – software – mobile - servers and cloud. With a preference for open-source technologies and open systems.

I have developed my skills in

- * Technical Architecture: Build and maintain a good and sustainable technical environment.
- * Management and leadership: Build an efficient team and working environment. My strategy is to develop a good working environment where people feel comfortable, secure, happy to work. Agility, scrum and communication are some of the tools I use.
- * Strategy and Innovation: Facilitate communication between developers and other people of the team – understand and develop the strategy of the company focusing on IT/Software modern capabilities and limitations.

Technically, I have an expertise in cloud solutions (AWS), Linux (debian), J2EE, MySQL, Java, Android, HTML / Javascript and many other protocols / languages. I have a strong personal interest on raspberry and arduino.



Professional Experience

Léman Micro Devices (2013.07 – now, ~5 years) as **IT Manager & Software Architect**

LMD is a startup of 16 employees that is developing an innovative medically certified solution to monitor blood pressure with a mobile phone – It's a hardware – mobile – web company targeting mainstream B2B with a B2C product. I lead the software excellence and architecture. I have built and managed a team of 5 people. In relation with my MBA, I have defined a business model targeting our users and the technical / software strategy for the company.

Sword Consulting (2012.09 - 2013.03, 7 months) as **Web and Mobile Consultant**
SDATAWAY (2011.10 - 2012.04, 7 months) as **Software Engineer and Project Manager**
ElanIt / IMD (2011.09 - 2011.10, 2 months) as **Mobile Architect and Developer**

Poken (sold to GES) (2008.06 - 2011.08, 3 years) as **Chief Software Architect**

Startup of 5 (start) to 30 employees. With this company we created an event oriented product that facilitate interaction between people. The solution is a mix of hardware, web and cloud services and a part of it was based on my EPFL master project. This solution has 4 millions users now, and 15 millions interactions. As the key responsible of our IT department, I had multiple roles adapted to the need of the company. Managed and coached the software team distributed in Switzerland – Romania and California, set the software architecture and processes of the company, set agile processes to create software, develop and maintain the Poken solution. I have actively participated in the product idea and product creation at all levels: Vision, Project, Product, Execution, Architecture, Operational.

AdsClick (closed) (2004.12 - 2008.05, 3.5 years) as **Software Architect and Engineer**

We created an alternative to Google AdWords and AdSense in the domain of on-line marketing. I have built the contextual AdServer, the fraud detection engine and data analysis system. They were the most sensitive parts of the platform in term of performance, high availability and quantity of data. Our solution was running on the front page of Wanadoo that was the most popular page in France at this time.

Epsic (2004 - 2008, 20%) as **Teacher computer systems**
IMD (2004.03 - 2003.11, 8 months) as **Social networks scientist**
Sunrise, Zurich (2003.03 - 2003.09, 7 months) as **Java developer, Oracle and .Net (C#)**
Fabric | CH (1998.11 - 2000.06, 20%) as **HTML, C++ developer**
EPFL (During my studies) as **Websites developer, C++ developer**
Consultant (Since 1996) as **Internet Websites for associations**

Languages

French Mother tongue
English Good, daily usage in multi-cultural English speaking teams.
German School knowledge, need to refresh my knowledge.

Hobbies & Associations

Music Non-professional trumpet player (Association: Fanfare du Jorat).
Sport Swimming, Biking and Skiing (Casual)
Associations President of the general council of my municipality (2016 - 2019), EPFL Alumni, EMBA Alumni
Computer Home automation (IoT), Mobile Development (android), Raspberry, Social Concepts, Geek