

# Gabriel Klein – 2017.06

Mellette 2  
CH-1081 Montpreveyres  
(+41 77) 405 21 90  
40 y.o. (24<sup>th</sup> 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  
[gabriel.klein@nuage.ch](mailto:gabriel.klein@nuage.ch)  
<http://www.nuage.ch>  
Skype: gabriel.klein

<https://www.linkedin.com/in/gabrielklein>

Availability: 3-4 months

## Profile

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I'm an **agile architect** and **technical Lead** with a **master in communication systems** from **EPFL** ( [ic.epfl.ch](http://ic.epfl.ch) ) and a **MBA in management of technology** ( EPFL EMBA, [mot.epfl.ch](http://mot.epfl.ch) ) joint program between HEC Unil, EPFL and BiMBA. 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, innovative projects.



## Education

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### 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	
		2017	Future - 2013.07	<b>Léman Micro Devices</b> Software Architect, Manager
		2016		
		2015		
		2014		
<b>Master in Business Administration</b> EPFL EMBA / HEC Unil (MoT.epfl.ch)	2013.12 - 2012.08 (20%)	2013	2013.03 - 2012.09 ( 80% )	<b>Sword</b> Consulting Company
<b>Professional Scrum Master - PSMI</b>	2012.07	2012	2012.04 - 2011.10	<b>SDATAWAY</b> EPFL Engineer
		2011	2011.10 - 2011.09	<b>ElanIT / IMD</b> Mobile Architect and Developer
		2010	2011.06 - 2008.06	<b>Poken (Sold to GES)</b> Chief Software Architect
		2009		
		2008		
		2007	2008.05 - 2004.12	<b>Ads-Click</b> Software Architect & Developer Engineer
		2006		
		2005		
		2004		
<b>Master in Communication Systems</b>  EPFL  ing.sys.com.dipl.EPFL	2004.09	2004	2008 - 2004	<b>Epsic (20%)</b> Instructor in the field of IT development and computer systems
			2004 (8 months)	<b>IMD</b> Social networks researcher
		2003	2003.09 - 2003.03	<b>Sunrise, Zurich</b> Internship
		2002	<b>EPFL</b> (during my studies)	
		2001	Creation of some websites	
		...	<b>Fabric   CH</b> ( 1998.11 - 2000.06, 20% ) Web developer.	
<b>Bac ès Sciences</b> (High School Diploma)		1997	<b>Independent</b> (since 1996) Development of Internet Websites for associations.	
<b>Life certificate</b>	1976.11			

# Skills

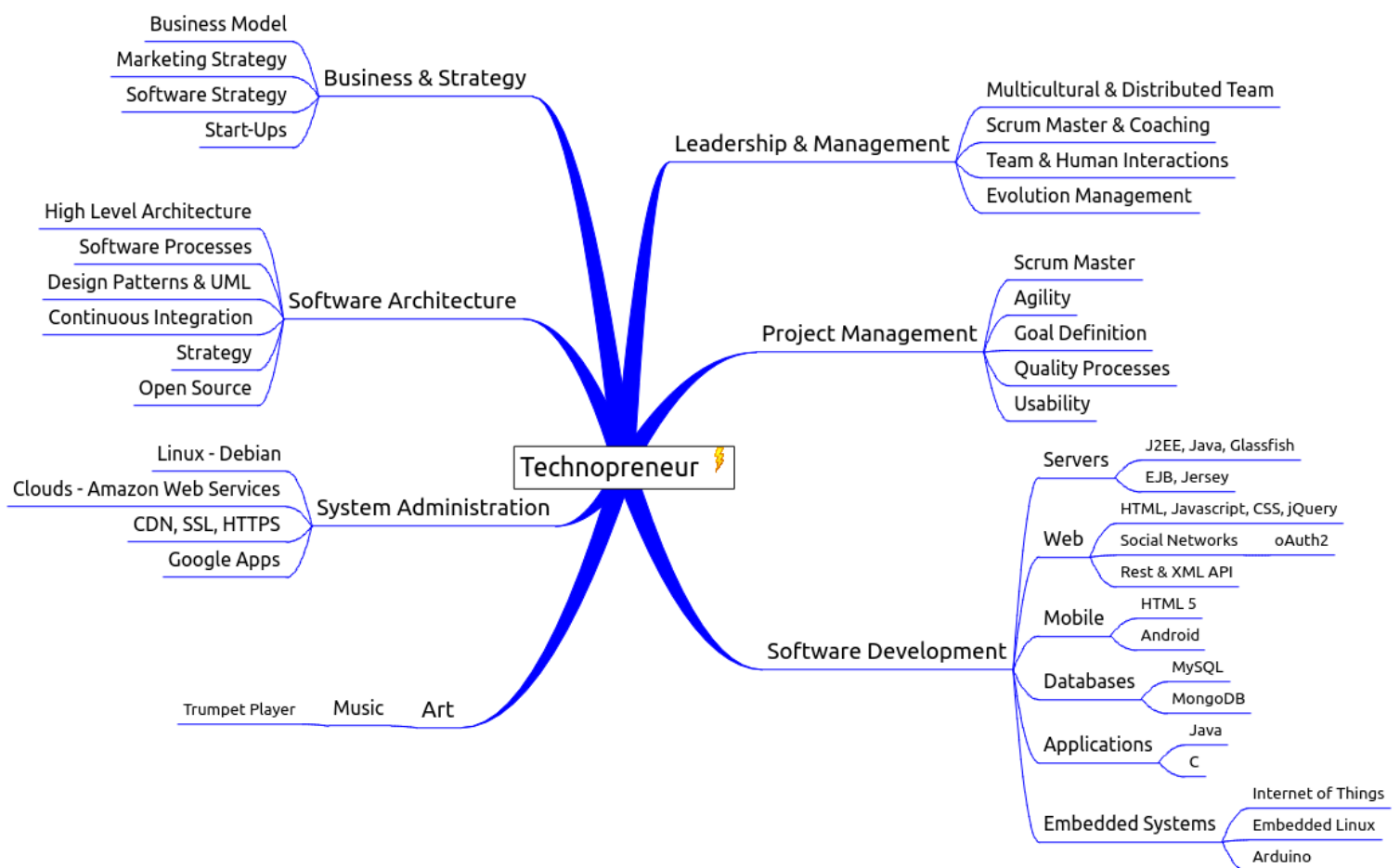
I have worked in many Startups at different maturity levels. I have had the opportunity to assume many different roles that require a large set of expertise and I have set processes to develop an efficient team in a pleasant working environment. I love to have different roles tuned to the current need 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. With this environment, the team members can outperform without stress. Agility, scrum and communication are some of the tools I use.
- \* Strategy and Innovation: Facilitate communication between developers and other people of the team (internal marketing) – understand and develop the strategy of the company focusing on IT/Software modern capabilities and limitations.

Technically, I have an expertise in Amazon Web Services (AWS), Linux (debian), J2EE, MySql, Java, Android, HTML / Javascript and many other protocols / languages.



## Professional Experience

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<b>Léman Micro Devices</b>	(2013.07 – now, ~4 years)	as	<b>Software Architect &amp; IT Team Manager</b>
<p>LMD is a startup of about 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 to coach and manage an amazing agile technical 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.</p>			
<b>Sword Consulting</b>	(2012.09 - 2013.03, 7 months)	as	<b>Web and Mobile Consultant</b>
<b>SDATAWAY</b>	(2011.10 - 2012.04, 7 months)	as	<b>Software Engineer and Project Manager</b>
<b>ElanIt / IMD</b>	(2011.09 - 2011.10, 2 months)	as	<b>Mobile Architect and Developer</b>
<b>Poken</b>	(2008.06 - 2011.08, 3 years)	as	<b>Chief Software Architect</b>
<p>Startup of 5 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.</p> <p>As a 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.</p>			
<b>AdsClick</b>	(2004.12 - 2008.05, 3.5 years)	as	<b>Software Architect and Engineer</b>
<p>We created an alternative to Google AdWords and AdSense in the domain of on-line marketing. I have build the most sensible parts of the platform in term of performance, high availability and quantity of data. Our solution was running on one of the most</p>			
<b>Epsic</b>	(2004 - 2008, 20%)	as	<b>Teacher computer systems</b>
<b>IMD</b>	(2004.03 - 2003.11, 8 months)	as	<b>Social networks scientist</b>
<b>Sunrise, Zurich</b>	(2003.03 - 2003.09, 7 months)	as	<b>Java developer, Oracle and .Net (C#)</b>
<b>Fabric   CH</b>	(1998.11 - 2000.06, 20%)	as	<b>HTML, C++ developer</b>
<b>EPFL</b>	(During my studies)	as	<b>Websites developer, C++ developer</b>
<b>Consultant</b>	(Since 1996)	as	<b>Internet Websites for associations</b>

## Languages

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

## Hobbies & Associations

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<b>Music</b>	Non-professional trumpet player (Association: Fanfare du Jorat).
<b>Sport</b>	Swimming, Biking (Casual)
<b>Associations</b>	President of the general council of my municipality, EPFL EMBA Board member, EPFL Alumni
<b>Computer</b>	Home automation (IoT), mobile development (android), Raspberry, social concepts, geek