



Nicolas Meynet

Lead System Architect helping customers to turn ideas into value using technology



System/Solution Architect and Technical Leader, able to manage a team, with more than 18 years of experience in designing complex and secure systems; following CMMI or AGILE/SAFE methodologies; with strong ability to communicate to technical and non-technical, large and small audiences. Likes to work in a team, at ease in a multicultural environment.

SKILLS

Architecture and Development of Secure Systems

- Architecture of complex and secure software systems, understanding customer needs
- Cloud architecture and design (including serverless)
- Hands-on experience in waterfall (CMMI) and Agile/SAFe development environments
- Work effectively at all levels, covering both technical and business-oriented roles
- Parallel computing methods and architectures, object-oriented modelling and design

Team Management

- Team management, project management, negotiation, transversal leadership
- Multicultural teamwork with India, China, USA, Norway...
- Building and giving efficient short presentations

Development

- Architecture, understanding and implementation of complex software

PERSONAL INFO

Address Vignes d'En-Bas 7
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Nationality Swiss

Languages

French: C2 Native proficiency

English: C1 Full professional proficiency

German: A2 Limited working proficiency

Date of birth December 19th 1977

Family Status



Hobbies

Skiing, mountain biking, running

MAIN CERTIFICATIONS

HE-SO Sierre, Suisse (2019)

Certificate of Advances Studies (CAS) in Cybersecurity

Operational security, strategic security, data protection regulations and governances

HES-SO Valais, Switzerland (1997 - 2001)

Bachelor of Science (Electrical Engineering)

Electricity, electronics, informatics, automation, mechanical engineering

Novartis / Cimo, Switzerland (1993 - 1997)

Federal Certificate of Proficiency 'Automaticien'

Automation, electricity, electronic, mechanic, hydraulics, pneumatics

EDUCATION

2018 - Mastering Value Propositions and Business Models

2017 - Negotiate with success

2014 - Multi-Cultural / Teamwork with India & China

2014 - Agilist (SA) Certification

2011 - Business need analysis

2010 - Engineering of complex systems

2007 - IBM HACMP Management

2005 - Advanced Perl Programming

2004 - Design Patterns OO

PROFESSIONAL EXPERIENCES

Nagravision – Cheseaux, Switzerland

Lead System Architect

(Dec 2010 – today)

- Responsible for the functional and security end-to-end architecture
 - of card-based and cardless conditional access systems for digital television
 - of a secure connected home solution
- Technical leader on many proprietary technologies (example invisible forensic watermarking)
- Elicitation and analysis of customer needs, identification of new functionalities
- Solution definitions according to needs, security, time and cost constraints
- Solution definitions in Cloud environment including serverless architecture (AWS)
- Coordination of module architects
- Coach and support development and test teams during implementation
- Participate in pre-sales activities: identifying needs and bringing technical expertise
- Development methodologies: CMMI and then Agile (SAFe framework, Scrum)

Nagrastar LLC - Denver, CO, USA

Team Leader & Deployment Manager

(Jan 2008 – Dec 2010)

- Leader of the customer support engineer team (7 people with bachelor and master degrees)
- Solution architect of a conditional access system migration for Dish Network (USA) and Bell (Canada)
- Management of the hotline
- Expert on the card based conditional access systems
- Programming in C, C++, Perl, Python under UNIX and Linux
- Programming PL/SQL under Oracle

Nagrastar LLC - Denver, CO, USA

Customer Support Engineer

(Feb 2006 – Jan 2008)

- Support engineer in charge of the card based conditional access system for Dish Network (USA) and Bell (Canada)
- Installation and administration of development servers under Tru64, AIX and Linux
- Programming in C, C++, Perl, Python under UNIX and Linux

Nagravision – Cheseaux, Switzerland

Senior Software engineer

(Feb 2001 – Feb 2006)

- Responsible for the development of a card based conditional access system head-end (SI/PSI generator)
- Programming in C, C++, Perl and Python under UNIX and Linux
- MPEG/DVB technical expert
- Porting applications from HP/Tru64/Alpha to IBM/AIX/POWER
- Deployment and support in production

Miscellaneous

Architect, Project Manager and Contracting Owner

(Jan 2013 – Jul 2015)

- Conception and construction of a passive house in Valais (Minergie-P label -> energy efficient)
- Analysis: techno's evaluation and choices, high level plans including 3D rendering, budget plans
 - Detailed Architecture: floor plans, electrical plans, ventilation plans, detailed plans
 - Project Management: submissions, negotiations, contracting companies, planification, follow up, authorizations, cost tracking
 - Homemade solar panels construction, heating system design and construction (with Sebasol)