



# Nicolas Meynet

Engineer helping clients turn ideas into business values using technology



Senior System/Solution Architect and Senior Product Owner, able to manage a team, with more than 20 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 for about 4 years) and Agile/SAFe development environments (>6 years)
- Work effectively at all levels, covering both technical and business-oriented roles
- Parallel computing methods and architectures, object-oriented modelling and design

### Cyber Security

- Operational security: protection techniques and protection level assessment techniques
- Strategic security: SMSI, risk analysis, business continuity plan
- Data protection regulations: LPD, GDPR...
- Corporate governance, governance of information system and governance of information systems security

### 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  
1895 Vionnaz, CH

**Phone** +41 (0)79 540 72 69

**Email** nic@meynet.ch

**Nationality** Swiss

### Languages

**French:** C2 Native proficiency

**English:** C1 Full professional proficiency

**German:** A2 Limited working proficiency

**Date of birth** December 19<sup>th</sup> 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 (Strategizer)

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**

### **Senior Scrum Product Owner**

**(June 2020 – today)**

- Defining the product vision linked to a new security project for connected homes
- Customer facing technical leader for the development team
- Product backlog management and prioritization of needs
- Supervision of development stages from design to the production deployment

### **Senior 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)