



**Bernard Huc**  
**Certified Global Architect**

**Ingénieur des Mines de Nancy (1974)**  
**Docteur Ingénieur en Informatique (1978)**

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**Main expertises**

**Bernard is a Certified Enterprise Architect with 35+ years of experience in Information Systems. Working in Enterprise Architecture for 20 years, Bernard has led the Global Architects Community of Capgemini Group where the day-to-day activities have been revolving around Enterprise Architecture, Business-IT alignment and Cloud Computing for a while. As part of this activity, Bernard has contributed to many innovation initiatives of the Capgemini group (Architecture Framework, Innovation to support Business enhancement, Cloud, Trainings building).**

**Bernard is used to working in the international environment and has been involved in many international initiatives for customers around the world.**

**Bernard is highly skilled in training and coaching people at international level.**

**Current activities (independent Consultant)**

**IT Transformation based on Innovation to support Business improvement**  
**Training and Coaching in Enterprise Architecture, Innovation and Cloud**  
**Consulting in Information System Architecture and Enterprise Architecture**  
**Expert in Cloud Computing Strategy**  
**Workshop facilitation**

## **Main references (2012-today)**

- **Definition of an IS Transformation based on Innovation and Business Strategy for an Industrial Company in Telecom sector (Board Workshop to align Business and Innovation followed by a IS Transformation planning) (2016-2017)**
- **Helping small companies in Cloud Computing Strategy (2013-2014)**
- **Working for a Public Sector Organization in the definition of IT Strategy (2013-2015)**
- **Training for Grenoble Ecole de Management (Enterprise Architecture, Cloud Computing, Innovation) (2012-today)**
- **Coaching for GEM students during their work experience contracts**
- **Training for Ecole Européenne des Métiers de l'Internet (Enterprise Architecture, Cloud Computing, Innovation) (2015)**
- **Training for CEGOS (Enterprise Architecture) in France (2016)**
- **Training for OO2 (Enterprise Architecture, Cloud Computing, Innovation) in West Africa (2016)**

## **Main references (Sogeti 10-12)**

- **Responsible of the Cloud Computing Service Offering**
  - Formalization of the Offer
  - Deployment of the offer in 2010 (at worldwide level)
  - Launching of the Cloud Demo Center
  - Partnership with IBM
  - Training of key people
  - Focus of the Consulting offer about transformation (Journey to the Cloud)
  - Participation to the writing of a book on Cloud
  - Writing of multiple articles in news papers
  - Organization of multiple events on the Cloud
  - Organization of Workshops with Clients to define transformation based on innovation
  - Delivery of missions to help client to define their Cloud Strategy
  - Working with IBM to use tools to model both Enterprise Architecture and Innovation approach

## **Main references (Capgemini 87-09)**

- **Chairman of the Global Architects Community of Capgemini (2001 to 2009) (Community of 1500 people worldwide)**
  - Facilitation of the Community
  - Chairman of the Architects Community
  - Definition and management of Capgemini Framework evolution (IAF)
  - Follow up of the activities with Open Group (TOGAF, ...)
  - Definition and management of the evolution in the Architecture Learning Program
  - Training of Architects worldwide
  - Champion for France of the Global approach of Capgemini (TechnoVision 2012) which help to align the evolution of Information System starting from the business drivers and taking in account the Technology trends of the coming years
  - Management of the initiative of tooling IAF with market tools (today two tools have been certified: System Architect of IBM and ARIS of IDS-Sheer)
  - Management of the Knowledge Management of the Community
- **Institut National Polytechnique de Lorraine (10/09)**

- Support to the definition of the IT Strategy
- **Kuhn (09/09)**
  - Workshop to define the business needs at enterprise level to justify the setup of an Enterprise Portal
- **Schneider Electric (12-08 to 03-09)**
  - OPS Next steps
  - Identification of new potential business values and of savings regarding the domain of Product description publishing during a one day workshop
  - Definition with the users of the action plan to be set up regarding the results of the workshop
- **April Group (12-08)**
  - IS Roadmap adaptation
  - Support to the IT department to update the IT roadmap
    - Definition of the hierarchy of business objectives
    - Identification of the Business Services supporting the objectives
    - Restructuring of the way the services are used in the processes
- **STMicroelectronics (04-07 to 12-07)**
  - Xnet Project
  - Definition of the new Architecture to support Collaboration (Intranet, Extranet, Internet) starting from Business Objectives and Needs
    - Collaboration
    - Infrastructure
    - Workflow
    - Identity Management
  - The main result as of today has been to pass from an heterogeneous Architecture based on Open Source and specific tools to a full Microsoft Architecture (SharePoint, Exchange, Communicator, Active Directory)
- **STMicroelectronics (07-06 to 06-07)**
  - Enterprise Architecture
  - Definition of a Business IT Alignment Framework
  - Creation of an Architects Community by STMicroelectronics
  - Deployment of an Architecture Framework (IAF) by STMicroelectronics
  - Coaching and Mentoring in Enterprise Architecture projects
- **SOITEC (02-06 to 04-06)**
  - Quality management
  - Definition of the architecture of a system to manage the quality document about silicone plates
- **Capgemini (11-05 to 07-06)**
  - Responsible of the reengineering of the Architecture Learning Program following the release of a new version of IAF (the Architecture Framework of Capgemini)
- **Capgemini (11-05 to today)**
  - Deployment of the Capgemini Architects Community in India
- **Schneider Electric (01-05 to 03-06)**
  - Identity Management System
  - Definition of the architecture (worldwide)
  - Package selection (with building of Proofs of Concept)
  - Definition of the implementation roadmap
- **Véolia Environnement (04-03 to 06-06)**
  - Training Centre IS definition
  - Definition of the IS and selection of the package provider
  - Architecture Consulting services

- **Capgemini (09-02 to 12-08)**
  - *Les Fontaines Information System Manager* see [www.les-fontaines.com](http://www.les-fontaines.com)
  - Member of the board
  - Managing the IT Support
  - Definition of the IT policy (in relation with partners) in order to increase the efficiency and keep Les Fontaines as a showcase
  - Definition and implementation of new functionalities in the Information System (based on a .Net portal)
- **SAMSE (2004)**
  - *BRAVO rebuilding (redefinition of the architecture) – Sales System*
  - Auditing an existing system (solution and development environment)
  - Definition of a new development environment
- **Schneider Electric (12-02 to 06-04)**
  - *PIM*
  - Definition of a Infrastructure deployment roadmap in order to implement a WW Product Data Management System (including collaborative tools)
  - This roadmap is built based on an hypothesis kit which has been changed three times in three years. The solution must be “repayable”
- **STMicroelectronics (06-02 to 12-02)**
  - *IS City Map : Building the city map of the STM*
  - Definition of the IS City Map of STMicroelectronics working with the CIO of all the Business Domains
- **Capgemini (02-01 to 12-02)**
  - *Les Fontaines Information System*
  - Les Fontaines is an Event and training center built by Cap Gemini Ernst & Young to organize internal and external events and trainings (300 bedrooms, 50 training rooms) – see [www.les-fontaines.com](http://www.les-fontaines.com)
    - Definition of the infrastructure (full Cisco, Microsoft and Compaq) including VoIP, Wi-Fi, TV on IP, ...
    - Definition of the Information System based on Microsoft Technology (.Net) and using a Package for Hotel Management (Micro/Fidelio)
    - Integration and Rollout
- **Schneider Electric (12-01 to 06-02)**
  - *SOL*
  - Validation and adaptation of the architecture of the Sales Force System for France :
    - Analysis of the existing situation regarding the business drivers and the evolution of the business
    - Analysis of the existing technical solution
    - Definition of a set of change roadmap to adapt the solution and the infrastructure

- **Schneider Electric (09-00 to 12-01)**
  - eB@se Management of the Architecture stream in the definition of e-projects coming from an e-strategy:
    - E-distribution: Global Sale Sites to perform order management with the distributors at worldwide level
    - E-learning: Definition of the platforms to use to support the learning process (internally and with partners)
  - Other axes to be investigated:
    - Enterprise Integration (business objects and integration mechanisms)
    - Catalogue management
    - Consistency between the projects from an architecture point of view
  - Architecture consulting
- **Hewlett Packard (03/00 to 07/00)**
  - Rolling Thunder
  - Worldwide implementation of Clarify to track Support Call for Computers and Printers. All HP Regions are involved. The related domain which have to be addressed are Finance, Supply Chain, Information Management, CRM
  - Definition of the global integration around EAI and Application Servers
  - Architecture consulting
- **Hewlett Packard (12/99 to 01/00)**
  - BDD Laboratory Referential
  - Architecture consulting to define a common referential to facilitate exchange between people working in the HP Laboratory for Business PC. This Referential allows following of the PC from Prototype to launching (including Bug Tracking)
- **Hewlett Packard (11-12/99)**
  - Prioritization of Customer Satisfaction Initiatives
  - Architecture consulting to align the IT projects on Business Drivers and Business Capabilities
- **Marèse (04/98 to 04/00)**
  - Information System change (Order Management, Production Management, Sales Force Automation, Shop, Cash Machine for Stores)
  - Architecture definition (using IAF – cf Daisy Reference)
  - ERP selection (CEGID and ORLI)
  - ERP provider and IT Marèse teams management
  - Deployment
- **Pasteur Mérieux Connaugh (summer 99)**
  - IS Strategic Plan
  - Architecture study on New Technologies trends and impact on Business
  - Technology stream management
- **Hewlett Packard (98-99)**
  - Daisy: a Product Referential for BDD
  - Architecture study
  - The solution is based upon MRS (SAP) including NT (with DCOM and MTS) to manage the middleware
  - IAF method from Cap Gemini has been used:
    - 3 layers: Conceptual, Logical and Physical
    - Emphasis on Business Principles and Actors
    - Usage of scenarios and bench marks
- **Hewlett Packard (spring 99)**
  - Match: Supply Chain Management Business Study for PSDE
  - Architecture stream support (using IAF)

- **Institut National pour l'Information Scientifique et Technique (97-98)**
  - Document Management
  - Architecture study (using IAF)
  - IS rebuilding
  - Solution based upon Oracle and Search'97 (full text search engine)
  - The referential manages more than 10.000.000 of references
  
- **Schneider Electric (97-98)**
  - TAMTAM : Worldwide marketing tool (to build marketing plan)
  - Definition with Business users (workshops)
  - Architecture study
  - Project management
  - Architecture pre-study for an Intranet Solution (using IAF)
  
- **Capgemini (96-98):**
  - On Line Sales Support, Customer Information Servers, Diaries : Set of CRM intranet tools (Order Management, Sales Reporting, Customer referential) **(team of 5 people)**
  - Solution definition with users (Sales Forces and Managers) (workshops)
  - Architecture study
  - Program management
  - Deployment
  
- **Notissimo (96-97)**
  - Multimedia terminals to sell Music Scores in Music Stores with a central server **(team of 4 to people)**
  - Architecture study
  - Project management
  
- **France Véhicule Industriel (subsidiary of RVI) (95-96)**
  - Second-hand trucks sales tool (with multimedia aspects)
  - Definition of the solution with Business users (workshops)
  - Architecture study
  - Project management
  - Deployment (including Sales Forces training)
  
- **Schneider Electric (96)**
  - Comité d'Entreprise IS **(team of 4 people)**
  - Definition with users of the new IS to manage activities
  
- **Capgemini (94-96)**
  - Rapid Application Development Task Force (based on Microsoft technologies)
  - Management of a 20 people team
  - Method definition and implementation
  - Delivery of a set of projects (Peugeot, Ville de Lyon, Rhône Poulenc, Citroën, Schneider, Laboratoires Sérologiques, Calor, BioMérieux, Boiron, Cap Gemini, ...)
  
- **Capgemini (93)**
  - GENESIS: Group Change Management Program
  - Manager of change
  - Team working in a Change Management Team
  
- **Capgemini (87-92)**
  - Branch Quality and Technical Management
  - Pre-sales
  - Project audits
  - Quality control

## **Main references (GIXI 83-87)**

- **CEA in Grenoble and Cadarache, Ciments Français**
  - *Process Control System*
  - Architecture study
  - Definition and implementation of the system
  - Deployment of the solution (including training and parameterization) for 10 different plants
- **CEA Grenoble (83)**
  - Post-Accident Heat Recuperation (Analysis after major nuclear accident in Three Miles Island - USA)
  - Development of the calculator and its systems

## **Main references (Capgemini 79-82)**

- **Ministère de l'Industrie and Capgemini**
  - *Multi target and portable Pascal Compiler*
  - Project Management
  - Development
- **ENSIMAG (79-81)**
  - *Pascal Compiler for Multics* (University computer)
  - Development

## **Main references (CEA-DAM 78-79) – National Service**

- **LUCY**
  - *Macro generator to generate structured programs in assembly language*

## **University of Nancy (74-78)**

- Assistant in IUT d'Informatique
- Thèse de Docteur Ingenieur on Structured Programming using a deductive method supported by a tool

## **Others activities**

- **Ecole Européenne des Métiers de l'Internet**
  - Training in Enterprise Architecture, Innovation and Cloud Computing (since 12)
- **Grenoble Ecole de Management**
  - Training in Enterprise Architecture, Innovation and Cloud Computing (since 12)
- **Capgemini & Sogeti**
  - Member of the International Architects Coordination Council (since 04)
  - Involvement in new architecture method definition (since 99)
  - International trainer in Architecture (since 98) (more than 80 training)
  - In charge of Partnership management with Microsoft (since 96)
  - Trainer in workshop facilitation (since 95)
- **University: Teaching of Program Management and Quality (since 94)**
  - ESIGEC and Master SFA (Chambéry) (since 96)
  - ENSIMAG (Grenoble (94-95))

## **Hobbies**

- Golf (Handicap 22 - Web Master of a Sportive Association)
- Ski
- Cards games (Tarot)
- Travels