



**Name: Johan Bakker**

## **Profile**

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Johan is a very experienced consultant with extensive knowledge and experience in both technical as well as business oriented assignments.

He is specialized in Information Security and complex Network Infrastructures.

Key characteristics:

Analytic, responsible, result oriented, no '9 to 5' attitude, reliable, creative, team player, communicator.

## **Industry Experience**

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- Government / Public Safety
- Telecommunications
- Financial

## **Skills & Competencies**

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- Information Security Architecture and Design
- Network Architecture and Design
- Security Management
- IT Business Process Design
- Project / Team leading
- Product Management
- Implementation
- Software engineering

## **Career Summary**

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2004 to date	LogicaCMG Nederland B.V.
2003 to 2004	CSC (Computer Sciences Corporation)
1998 to 2003	Self employed (private corporation / Ltd)
1991 to 1998	CMG Nederland B.V.
1988 to 1991	Geac Computers Ltd, Canada
1984 to 1988	Geac Computers
1983 to 1984	Regionaal Computercentrum Ziekenfondsen (Computer Center for the National Health)



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## Career History

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### LogicaCMG Nederland B.V.

April – May 2004

Consultant

Financial

#### Bank / Trust

Within the Trust group the IT Service Management department is being reorganized

Performed a quick scan on the IT Management processes with special focus on security aspects, both technical as well as procedural

Drew up an advice report with findings and recommendations for improving the IT Management processes

### CSC (Computer Sciences Corporation)

Nov 2003 – Feb 2004

Business process designer

Government / Public safety

#### C2000 (Mobile network for Dutch Public Safety organizations)

Designed the ITIL process Release Management for the C2000 Management organization.

Responsible for tool selection for configuration management, software distribution end installation.

Jul 2003 – Nov 2003

Network Architect

Government / Public safety

#### C2000 (Mobile network for Dutch Public Safety organizations)

Drew up architecture and logical design for a new management network. Main requirements:

- Cost effective connectivity for organizations, user groups and information systems
- Security, compliance to police regulations and guidelines, strict domain separation, encryption for public lines, etc.
- Secure connections to other (external) networks, a.o. the C2000 mobile network
- Flexibility / Scalability



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o Manageability

**Self employed (private corporation / Ltd)**

**Dec 2001 – Feb 2003**

**Network Architect**

**Government / Public safety**

**ISC Nutsvoorziening (New national network infrastructure for Dutch Police)**

Drew up architecture and logical and technical design for a new nation-wide network infrastructure for the Dutch Police force

Drew up Technical Design for Network Security based on requirements and regulations for Dutch Police force, especially the guidelines in BBNP (Basis Beveiliging Nederlandse Politie: Baseline Security for the Dutch Police force) and best practices

Developed policies, procedures and guidelines for information security and cryptographic key management

Drew up advice regarding the technical implementation of the network infrastructure and information security (a.o. product selection)

Prepared implementation of the Computer Center, both technical as well as financial

Supported drawing up RFP's for network components (KPN, Cisco, etc.)

Held peer-reviews on technical designs of project members

Environment: Cisco routers / Catalyst switches - Multiprotocol Label

Switching (MPLS) - Virtual Private Networks (VPNs / VLANs) -

Gigabit Ethernet - Firewalls - Authentication / Authorization - Key architecture - IPSec - ITIL - Prince2

Result: The national network is operational in the southern region

The other police are to be implemented during 2004

**Jul 2001 – Sep 2001**

**Designer (Access Security)**

**Government / Public safety**

**BPR (Basisadministratie Persoonsgegevens en Reisdocumenten)**

Performed risk / vulnerability assessments on the BPR registers (data bases) and technical infrastructure



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Designed the security architecture  
Drew up procedures and work instructions related to (access) security  
Environment: Firewalls - Intrusion Detection (IDS) - Cisco routers -  
VLANs - Access Lists (ACL) - Content Switching - ITIL  
Result: KPMG performed a security audit on the proposed security architecture (mandated by BPR) and approved it. The access security and corresponding infrastructure are operational since the end of 2001.

**May 2001 – Nov 2001**

**Policy advisor**

**Government / Public safety**

**Knowledge centre / Policy department**

Researched the suitability of Multiprotocol Label Switching (MPLS) for the national network infrastructure for the Dutch Police force

The following aspects were included within the research: technology, market, future, SWOT-analysis, implementation and operational consequences

Researched new IT technologies (a.o. wireless networks)

Drew up standardization documents to be used within the police organization

**Apr 2000 – Dec 2000**

**Product Manager / Project leader**

**Telecom**

**Product Management department**

Was project owner for the following projects:

- decommission national PDL / HDSL network infrastructure to allow for national ADSL roll-out
- product development and release of new equipment and services

Supervised operational project leaders

Liaison with KPN Business Units with regard to financing and progress of (new) projects

Drew up proposals and business cases for new deployment policies



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**Nov 1998 – Dec 1999**

**Process designer / Team leader**

**Telecom**

**Project Lambda (High speed optical network infrastructure)**

Responsible for the design of the IT Business processes for a new Network Management and Service and Maintenance organization within KPN Telecom. This new organization is responsible for monitoring and maintaining KPN's new DWDM / SDH network

Coordinated and supervised the implementation of the new business processes in the national Network Operations Centre (NOC)

Supervised employees of Lucent Technologies – Lucent is the supplier of the new DWDM network – related to the development of the work flow documents and work instructions for the employees of the new DWDM Network Operations Centre (NOC)

Team leader of the 'Systems Team' responsible for the selection, modification and development of the supporting IT Systems for the new network. Focus was on the systems for inventory management, order entry and scheduling

Organized and coordinated the Operational Readiness Tests (ORTs)

Supported the development of the management systems for inventory management and order processing



## **CMG (COMPUTER MANAGEMENT GROUP)**

**Jan 1998 – Oct 1998**

**Product Manager**

**Government / Public safety**

### **Product Management department**

Development and functional management of products and services related to TCP/IP, router networks (Cisco), e-mail, network access security, ISDN dial-in services, etc.

Advice / Technical support for proposals for networking and communications technology

Liaison with partners and suppliers of networking and security products

Drew up strategic product plans in cooperation with other departments and customers

Drew up and maintained TCO (Total Cost of Ownership) models

Set up documentation plans

Developed and implemented new standards related to Product Management

Positioned Product Management within the company

Coached other product managers

**Dec 1991 – Dec 1997**

**Telecom & Financial**

### **CMG Internal and external functions**

Account Manager for Mannesmann Mobilfunk D2 (Germany)

Project leader / Team leader

Sales support

Software engineer (UNIX and VMS)

Installed gateways and network components



**Geac Computers / Geac Computers Ltd,  
Canada**

**Sep 1984 – Oct 1991**

**Telecom**

**Geac Internal and external functions**

Project leader / Team leader

Trainer

Software engineer (Geac and UNIX)

**Regionaal Computercentrum Ziekenfondsen  
(RCZ)**

Regional Computer Centre for the National  
Health

**Mar 1983 – Aug 1984**

**Government**

**Software development**

Analyst / Programmer

Junior Database Administrator





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## Skills & Experience

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### Business Skills

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Skill	Experience
Information Security Architecture and Design	2 years
Network Architecture and Design	3 years
IT Business Process Design	2 jaar
Security Management (process)	1 year
Project / Team leading	3 years
Product Management	2 years
Implementation	5 years
Software engineering	10 years

### IT Skills

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Skill	Experience
Network / Access security (routers, VPNs, firewalls, IDS, etc.)	3 jaar
Unix security (OS hardening, SSL, SSH, nessus, nmap, etc.)	3 years
Networking protocols (TCP, IP, MPLS, SNMP, DWDM, SDH, X.25, X500)	5 - 10 years
ITIL	3 years
Unix / Linux	6 years
VMS	3 years

### Languages

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Dutch	Native
English	Fluent



### **Qualifications / Affiliations**

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- Computer Science, Leiden University, Propedeuse, 1994
- ITIL Security Management, EXIN, 2004 (Certificate)
- ITIL Foundation, EXIN, 2003 (Certificate)
- Currently preparing for CISSP exam (December 2004)