

Yves Bourdic

+33 642 405 891

IT certified Engineer

CISSP

Certified Information Systems Security Professional

French (Native) - English (Fluent) - German (Fluent but rusty) - Spanish (basics)

titaniumkeys@mac.com

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titaniumkeys.no-ip.com/resume_en.htm

Upd.: 2007/10/11

Professional knowledge & experience:

Management - Team management - Budget management

Defined strategies & designed tactical frameworks
Managed teams
Coordinated developments
Managed budget

Wrote policies - Formalized risks - Established controls
Up to 6 members - Organized workflow - Monitored outcomes - Reported status
Up to 3 teams - Coordinated advancement - Managed change
Made financial decisions - Controlled budget - Established provisional budgets <\$350K

Consulting - Negotiations - Sales

Sold Infosec consulting
Sold IT consulting
Negotiated services contracts
Presented commercial activities

Designed Infosec architectures - Used IT governance & standards - SANS training
Examined IT needs & service needs - Engineered solutions - Promoted Infosec
Settled partnership with IT distributors - Sold appropriate solutions
Used brochures and laptops - Sold web sites - Sold services & training

Project management - Infosec management

Infosec management
Infosec audits
Analysed IT needs
Designed & engineered solutions
Engineered Infosec architectures
Managed data sensitivity
Ensured compliance with standards & managed IT compliance
Engineered & deployed IT & Infosec solutions
Developed Infosec tools
Developed web sites

Managed and assessed controls - Used maturity model - Managed incidents
Analysed existing processes - Determined needs considering current controls
Wrote questionnaires - Collected information - Wrote reports - Evaluated budgets
Designed IT architectures - Drafted & designed models - Used ITIL
Based on models: 2/3, 3/3, DMZ - Based on tools: SSO, PKI - On demand
Made use of IAC triad - Managed access control - Managed data lifecycle
SOX, ISO 17799 & 27000 standards, COBIT
Implemented best practices - Set up solutions & follow-up
Password & Pass phrase generator - Network monitoring tool - Backup system
Designed frameworks - Managed multilingual content - Built specific CMS

Information technology - Infosec

Wrote Infosec articles
Conducted user awareness lectures
Conducted training courses
Passed CISSP certification
Implemented network compartmentalization
Deployed security tools
Conducted pen tests
Studied forensics
Executed system hardening procedures
Coded applications

Foundations of a robust Infosec - A complete overview of access control
Insider threats - Password «best practices» - Trust based management
Taught in a business school - Designed IT courses - Delivered on site courses
Attended CBK® review seminar - Passed the certification process - CPE
Firewalls, IDS, Application firewall, VLAN - Checkpoint, Linksys
AV, Anti-Spyware - Vulnerability checkers Nessus, Qualys - ZoneAlarm - SNORT
Used frameworks - Systems or applications oriented - XSS, John, pwdump
According to the country - Conducted Malwares analysis
NIST, IASE - Windows XP, UNIX, Linux, Solaris
C, perl, bash, wscript, cscript, winsock, .net, Javascript, Java, Flash, PHP, SQL

Employment history:

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|---|---|--------------------------------|
| <i>TitaniumKeys Corp.</i> ITSC - France - Montpellier Canada - Montreal | Infosec consultant - CISSP - (Owner) Security architectures - Policies - Management | Since 01/2004 3 years + |
| <i>SOS-Ordi Corp.</i> ITSC - Canada - Montreal | Infosec expert Support and maintenance - Assistance | 05/2002 - 09/2003 16 months |
| <i>Orange Inc.</i> Telephony - France - Paris | (Aptus Corp. - Consulting) Infosec specialist - Project manager | 04/2001 - 12/2001 9 months |
| <i>Société Générale Inc.</i> Bank - France - Paris | (G-Fit Corp. - Consulting) Analysis expert - Design and development expert | 06/2000 - 12/2000 7 months |
| <i>AXA Inc.</i> Insurance - France - Paris | (G-Fit Corp. - Consulting) Project manager - Infosec specialist | 12/1998 - 05/2000 18 months |
| <i>GPA Corp.</i> Insurance - France - Paris | Network administrator - Project manager System analyst and developer (PHARES) | 05/1992 - 08/1998 6 years + |
| <i>Loriciel Inc.</i> Software editor - France - Paris | Consultant - Project coordinator Game designer and developer (GUARDIANS) | 01/1991 - 04/1992 16 months |
| <i>Aube-Info Corp.</i> ITSC - France - Paris, Strasbourg | Consultant - IT services provider - (Owner) IT designer and developer | 12/1986 - 12/1990 4 years + |

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|--|---|--|
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| | | 2/2 |

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Student jobs:

| | | |
|-----------------------------------|---|-------------------|
| NMPP Corp. | Info center programmer / analyst (Focus 4 - IBM 3090) | 05/1986 - 10/1986 |
| Newspaper editor - France - Paris | System programmer / analyst (asm. 390 - IBM 3090) | 05/1985 - 10/1985 |

Conceived, designed & engineered a reverse video board for TRS-80, coded 9 bit video RAM management software (1979).
Studied electronics, manufactured electronic circuits from designs (1977-1978).

Major accomplishments, articles:

| | | |
|---|---|--------------|
| <i>Conceived, designed, engineered & marketed IT tools:</i> | | |
| 1987 | Stand-alone estimate printing system for landscape painters (Sharp 2500) | Aube-info |
| 1992 | GUARDIANS puzzle game (Atari ST - Amiga) | Loriciel |
| <i>Conceived, designed & engineered IT tools:</i> | | |
| 1993 - 1997 | Computer assisted sales assistant for insurance contract salesmen (Macintosh) | GPA |
| 2004 - 2007 | Backups, network monitoring, password generator (UNIX, XP, MacOS) | TitaniumKeys |
| <i>Articles - Publications:</i> | | |
| 1992 | Génération 4 - Joystick (GUARDIANS promotional articles) | Loriciel |
| 2007 - Present | Strong Infosec architecture - Access control 101 - Cryptanalysis | TitaniumKeys |

Education, training courses, certifications:

| | | |
|------------------------|--|-------------------------------|
| May 2007 | Passed London Tests of English Level 5 - C2 | Montpellier, France |
| June 2005 | Completed CISSP certification process (ISC ²) | Florida, USA |
| Dec. 2004 | Passed CISSP exam (ISC ²) | Paris, France |
| Sept. 2004 | Attended CBK[®] review seminar (ISC ²) | Berlin, Germany |
| Dec. 2002 | Achieved TOEIC certification - Score: 820/990 | Montreal, Canada |
| June 1987 | Graduated from ESI Supinfo - Dissertation on AI (eq. PhD) | Paris, France |
| Oct. 1984 - June 1987 | Studied at ESI Supinfo - «Grande École» | Montreuil, France |
| Sept. 1981 - June 1984 | «Grandes Écoles» preparatory studies, Math sup-spé - L. Kléber | Strasbourg, France |
| June 1981 | Baccalauréat of maths & physics - L. Turenne | Freiburg im Breisgau, Germany |

Future certifications:

| | | |
|---|--------------|--------------|
| <i>Personal preparation (2008 horizon):</i> | | |
| CISA - ISACA | CISM - ISACA | CCSP - CISCO |

Practical current technical expertise:

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|-------------------------------|---|----------------|
| | Windows XP, Mac OS X, Linux, Sun Solaris v10, Red Hat ES | (+) A - F (-) |
| bind (v9.2.3) | Master & slave DNS, TSIG, DNSSEC, rndc, nsupdate, views, logs, acls | A |
| apache (v2.0.52) | SSI, virtual hosts, URL forwarding, SSL, CGI, PHP, MySQL | A |
| PHP (v4.3.9) | XSS applicative security, CMS, pen tests | B |
| MySQL (v4.0.22) | Client - server, access control, cryptography | C |
| openssl (v0.9.7e) | SSL encryption, certificates, MD5 hash code | A |
| openssh, putty, vnc, xterm | Network connectivity tool - RSA - Remote access control & key renewals | A |
| iptables, TCP wrappers | Firewall, TCP access control, IP addresses filter | A |
| tcpdump, Wireshark | Ethernet (IEEE 802.3) TCP/IP packet sniffer | B |
| ipconfig, nmap | System tool, network mapping tool | C |
| john, pwdump, dsniff | Vulnerable passwords assessment tools | B |
| snort, nessus, Qualys | IDS, vulnerability checkers | C |
| Tools & protocols: | snmptrap, snmptrad, SNMP, SMTP, MIME, POP3, HTTP, FTP, SSH | A-B |
| Forensics: | ping, traceroute, dig, nslookup, whois, IP2location | A |
| Anti malware: | ZoneAlarm, Norton AV, Internet security center, Virex, CounterSpy, PrevX1 | A |
| Applications: | Microsoft office, Visio, Project, StarOffice, OpenOffice, Outlook, MacMail | A |
| Browsers: | IE, Mozilla, Safari, Firefox, elinks, lynx | A |
| Languages: | C, perl, bash, wscript, cscript, winsock, .net, Javascript, Java, Flash, PHP, SQL | A-C |

Other interest, references:

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| Aikido 2 nd Dan (1992 - 2007) | Volunteer in the security field |
| English speaking at the French American Center | |
| Networking with Linked In (Yves Bourdic) | References available upon request |