

## Personal information

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**CV** Latest CV can be found at: [www.unixpower.dk/cv/](http://www.unixpower.dk/cv/)  
CV at Linked-In: [www.linkedin.com/in/flemmingjacobsen/](http://www.linkedin.com/in/flemmingjacobsen/)



## Profile

**Overview** Specialization in IT-security with a proven ability to bridge security across all other areas.  
Bridging the communications gap between development/operations and security.  
31 years of Network-security and Unix-security (incl. administration).  
27 years of IT security responsibilities.  
25 years of systems integration done securely.  
16 years of ISP (Internet Service Provider) experience.

**Certifications** [CISSP](#), since June 2009. (ID: 346490)

### Skills

#### **Technical security**

Really good at bridging the communications gap between the development/operations teams and security teams.  
Ensuring that the systems end up being secure while also being under control in a both efficient and effective manner.

#### **Unix- and network-administration**

Experienced Unix and network administrator, who understands and can help operations teams digest security requirements and turn them into an operational reality, while making sure resource use is minimized.  
Can also boost a team with experienced hands-on skills.

#### **Systems integration**

Making new (or old) systems integrate into the existing operational environment and interact with neighboring systems in an efficient (and secure) way has always been a specialty.  
Can code.

#### **Technical problem solving**

Getting the technical part of the solution defined, planned, executed and delivered within the specified parameters, is a favorite task at work.  
Enjoys solving hard problems and inventing solutions in a fast paced environment.

#### **ISP platforms**

ISPs face a unique and challenging set of security threats. Has solid experience in defining and implementing the right set of tools, orchestrations and controls.

#### **Understands business**

Understands that security that prevents business from operating is effectively useless. That all resources spent on a solution should be recovered as benefits of said solution. That uninformed users will never be able to be part of a secure business.

**Personality** Solid sense of duty, self-managing, systematic and structured, quick study, calm, social, team player, highly focused, establishes good rapport with technical teams and management, good sense of humor.

## Experience

**October 2025 -** Danmarks Meteorologiske Institut - Contract  
**November 2025** Technical Specialist

Assignments:

Expand previous delivery, due to new requirements for hardware and functionality.

**Highlights:** Infrastructure-as-code, Ansible, Python, Cisco ACI, Firewall.

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**August 2021 -** Danmarks Meteorologiske Institut - Contract  
**April 2025** Security Specialist

Assignments:

As IT Security specialist / technical administrator, move DMI's networks to new server rooms and new main office. This includes a technology upgrade to Cisco ACI for server networks, embracing infrastructure-as-code and hardened security requirements.

Responsibilities:

- Security advice for head of IT and IT infrastructure managers on architecture choices during platform migration and system upgrades.
- Part of team mapping connections between internal systems and transforming systems into new network with a much more strict security focus.
- Defining architecture of new firewall setup and resulting network segmentation.
- Technical design of architecture for reimplementing systems, using multiple types of virtualisation, multiple environments (dev, test, ..., prod) and network enforced micro segmentation (via Cisco ACI).
- Defining a technical "language" (YAML layout) for documenting requirements of systems for networks and firewalling.
- Develop implementation with network-as-code from this documentation via python and Ansible into Cisco ACI and firewalls.
- Facilitate buy-in of above to technical departments and research departments.
- Maturing client security and client security culture.
- Support to operations department regarding technical incidents and issues.
- Support to IT architects in policymaking architecture for new environment.

**Highlights:** Security architecture, infrastructure-as-code, Ansible, Python, Cisco ACI, firewall.

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**February 2021 -** Semaphore - Contract  
**June 2021** Environment monitoring

Assignments:

Develop hardware and software for monitoring and logging of environment in serverrooms.

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**March 2014 -** A.P. Moller - Maersk  
**January 2021** Technical Specialist – Security

Assignments:

Working projects, as part of the Infrastructure Engineering team.

- Ensure strong security focus in projects spanning on-premise, Azure cloud and hybrid infrastructure. Champion infrastructure-as-code focus.
- Advice new projects on security requirements and security options, aiming for best fit to business requirements. Enter ongoing projects, evaluate security architecture and perform gap analysis with regards to Maersk security policies and standards.
- Drive Identity and Access Management (IAM) system integration into new BI (Business Intelligence) systems and projects. Evaluate project needs and advise on options. Drive needed extensions to IAM system.
- Digest company security policies into "practices" that developers and project

managers can relate to. Work with architecture teams to incorporate these “practices” into solution architecture.

- Define standards that project managers need to follow and document, in order to ensure that audits from external parties are successful.
- Do ad-hoc technical work on projects that have had a sudden rise in management focus and help ensure delivery on time.

Main Contributions:

- Facilitated advanced platform capabilities for new enterprise platforms.
- Demonstrated practical application of skills to resolve product features.
- Coached department into adapting a security-focused culture.
- Helped bring security into focus for a global organization, after it suffered one of the largest cyberattacks in history.

Responsibilities:

- Ensure that security architecture of new projects is solid and aligned with Maersk security standards, and industry best practice.
- Implementation of secure integration between new, old and changing systems.
- Ensure proper access restrictions are implemented by new projects
- Expand and modernize IAM system to enable new business projects
- Set security requirements for development. Get requirements integrated into architecture

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**July 2011-  
February 2014**      Eniro  
Security Officer

Assignments:

Responsible for IT-security in the Nordic region.

- Advised management on security and risk.
- Proposed and drove improvements to IT-security.
- Evaluated changes to system and network architecture.
- Did second line support for operational issues. Planned ad hoc changes to production systems.

Responsibilities:

- IT security management
- Risk Management
- Security Awareness
- Manage security relations to outsourcing partners
- Evaluate and approve firewall changes

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**January 2007 -  
June 2011**      Telenor (Danmark)  
Security Manager

Assignments:

Technical security expert.

- Implemented security processes in Operations, as part of major restructuring.
- Managed risk around changed systems, new systems and changes to processes.
- Utilized my deep technical knowledge to engage developers in discussions that revealed subsystems with inadequate security and helped them plan how to fix it.
- Advised developers on delivering code/systems that have good security.
- Advised operations on improving security and reliability of existing systems.
- Deployment of DS484:2005 (Danish version of ISO27000).
- Created security policies and delivered security reporting to management.

Main Contributions:

- Improved security maturity in operations
- Improved security maturity in development

Responsibilities:

- IT security management
- Business Continuity Management
- Risk Management
- Security Awareness
- Security screening of new products
- Security screening of new systems
- Security reporting

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**June 2000 -** Cybercity Internet (Bought by Telenor in January 2007)  
**December 2006** Security Officer.

(Cybercity was the first Danish ISP that was not telco affiliated. It introduced ADSL in Denmark)

Assignments:

Security responsible and member of core systems/network architect group.

- Worked closely with the operations team to improve operations (both style and substance) from "late startup" to enterprise grade.
- Defined requirements for the operations team to professionalize operations.
- Defined requirements for security, and worked with operations to implement these.
- Was the security and network architect for the new CRM platform.
- Created company's first Disaster Recovery Plan.

Main Contributions:

- Vastly improved security maturity in operations.
- Improved company security focus in whole organization through ongoing lecturing and awareness raising.

Responsibilities:

- Professionalize operations
- Security improvement project
- IT security management
- Security Awareness
- Security reporting to management

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**1998 - 2000** Mobilix A/S  
Internet expert / Security expert.

**1996 - 1998** TRW Financial Systems  
Software technician.

**1994 - 1996** NIRO A/S  
Systems administrator

**1992 - 1994** Danmarks Designskole  
IT operations and IT hardware management. Part time contract work

**1986 - 1991** Kuwait Petroleum (Danmark) A/S  
Systems programmer & network administrator

## Education

**1986 - 1994** Technical University of Denmark ([DTU](#))  
Civil Engineer/Electrical Engineer  
M.Sc.EE.

## Background

**Born** 1967 in Slagelse (Denmark). Danish citizen.

**Criminal record** Clean  
Passed high security clearance by PET (Danish police intelligence) in 2007

**Languages** Danish First language. Perfectly spoken and written.  
English Fluently spoken and written.

**Community involvement**

- Chairman of [BSD-DK – The Danish \\*BSD user group](#), from inception March 2001 to August 2007.
- Network- and systems administrator for [DKUUG - Dansk Unix System Brugergruppe](#), 1997–2010.
- Organizer of [LinuxForum](#), 2001–2007.
- Organizer of [EuroBSDcon](#), 2007.
- Organizer of [Open Source Days](#), 2008–2011.
- Organiser of [BornHack](#), 2016–.
- Board member of Ejerforeningen Bryggervangen, 2008–

(vice chairman 2009—2010 and chairman 2010—2014, 2016— ).

**Hobbies**

Electronics, 3D printing, 3D design, books, computers, movies, music.

**Relevant classes**

20070326-20070331 - [SANS: System Forensics, Investigation & Response](#)