



# Javy de Koning, **MSc.**

TECHNICAL ACCOUNT MANAGER

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## 👤 Professional summary

A well organized, highly motivated leader, seeking to be surrounded by smart, experienced people in a motivating work environment. Strong analytic skills. Over ten years of hands-on experience in designing, maintaining and supporting enterprise sized IT infrastructures. Passionate about cloud solutions, automation and orchestration. Special interest in AI and other emerging technologies.

## 🛠️ Relevant Professional Experience

EMPLOYER	<b>IPsoft</b>	Amsterdam, The Netherlands
JOB TITLE	<b>Technical Executive</b>	May 2015 — now
REFERENCE	<b>Nick Walsh</b>	

In the position of Technical Executive I am responsible for overseeing the day to day IT operations for some of our top clients. To ensure that the organization's IT infrastructure works efficiently I strongly focused on identifying waste and eliminating it from the IT processes. By automating standard changes, deployments and a large part of the incident management process the operational FTE requirements are strongly reduced while client satisfaction is increased. The global, multi-site IT environment consists of over 1000 Windows and Linux/Unix servers running on top of a combination of Azure solutions and on-premise vSphere environments.

### Key Contributions:

- Automated Cloud deployments using Azure Resource Templates and Azure Automation DSC.
- Created a build, test and deploy pipeline for Windows Monitoring checks using PowerShell, Pester and Bamboo.
- Leading a team of 7 Senior IT engineers by training, motivating and setting clear objectives.
- Building a weekly automation pipeline assuring maximum autonomic resolution for the client.
- Build and bug-fix over a hundred automatons which either diagnose or completely resolve recurring issues saving my employer multiple FTE's. Used technologies include JavaScript, PowerShell, Bash and MySQL.
- Worked with tier 1 clients to align and support their requirements with a high level of attention and intimacy.
- Leading technical projects, system and software upgrades to improve the client's on-premise infrastructure.
- Building a strong trust and positive relationship with the client.
- Created over fifty automated SOP's to ensure uniform effective processing of standard changes and incidents.
- Manage relationships with third party vendors for technical products and services for the organization.

EMPLOYER	<b>IPsoft</b>	Amsterdam, The Netherlands
JOB TITLE	<b>Automation Engineer</b>	February 2017 — now (Dual role)
REFERENCE	<b>Michell Grauwman</b>	

By automating repetitive IT-processes IPsoft's Automation as a Service (AaaS) enables customers to assume a more proactive role towards improving their IT infrastructure. In my role as Automation Engineer I'm responsible for maintaining a close relationship with customers, partners and engineers. By translating standard operating procedures to automated workflows we streamline the operational processes of our customers.

### Key Contributions:

- Setup Jira, Confluence and Bitbucket to manage the automation pipeline, documentation and code.
- Developed a tool in JavaScript to automate the initialization and validation of connections between our IPcenter platform and our client's Windows/Linux infrastructure.
- Automated incident management pipelines by integrating cmdb, incident- and password management tooling with our automation platform by utilizing different API's.
- Setup an Instructor-led Training Program to on-board new staff.

## ◀ Previous Professional Experience (2005 - 2015)

My full IT career dates back to 2005, hence I made an effort to keep my resume short and relevant. A full detailed history of my professional experience is available on my [linkedin.com/in/JavydeKoning](https://www.linkedin.com/in/JavydeKoning) profile.

## ☀ Certifications

-  AWS Certified Solutions Architect - Associate (2017), AWS Certified Developer - Associate (2017)
-  MCSE: Cloud Platform and Infrastructure (2016)
-  VMware VCP6-DataCenterVirtualization (2017), MCSE - Virtualization (2014)
-  EC-Council Certified Ethical Hacker (2014)
-  ITILv3: Foundation, PRINCE2: Foundation, Business Information Management

## ✍ Publications

SURFNET **BGP Origin Validation (RPKI)**

June 2013

The goal is to increase the adoption rate of RPKI. Hence we've build SURFnet's RPKI Dashboard, which provides network operators with a number of RPKI statistics and assists them in cleaning up possible invalid prefixes.

✂ [https://labs.ripe.net/Members/javy\\_de\\_koning/rpki-dashboard](https://labs.ripe.net/Members/javy_de_koning/rpki-dashboard) ✂ <http://goo.gl/bw0xjD>

NLNET LABS **Defending against DNS reflection amplification attacks**

February 2013






The research goal was to find out if the proposed mechanisms to defend against a DNS amplification attacks are effective. The main conclusion is that response rate limiting is a proper defense mechanism against current amplification attacks, but it is not effective against more sophisticated attacks. ✂ <http://goo.gl/yWn9vS>

UvA **Security in mobile banking**

December 2012

The goal of the research was to find out how the security used in Android based mobile banking applications is implemented. During this project we discovered a serious weakness in the ABN AMRO mobile banking Android app which was exposing PIN and transaction information. ✂ <http://goo.gl/P66Xvn> ✂ <https://www.security.nl/posting/40061>

## ☰ Highlights of IT Skills

- LANGUAGES**  Fluent in PowerShell. Comfortable with JavaScript, Bash and SQL.
- CLOUD**  Amazon Web Services, Azure.
- VIRTUALIZATION**  Docker (on both Linux and Windows), VMware vSphere.
- INFRA**  Active Directory, DFS, DNS (Bind, Route53, Windows).
- OTHERS**  GIT, Pester (Unit Testing), DSC (Configuration management), AppVeyor (Continuous Integration).

## 🎓 Education

UNIVERSITY **The University of Amsterdam**

Amsterdam, The Netherlands

DEGREE **Master of Science in Computer Science**

September 2012 — July 2013

SNE is the University of Amsterdam master education in System and Network Engineering. SNE focuses on Open Standards, Open Software and Open Security, hence the name OS3. A large part of the education focuses on the security of systems and networks.

UNIVERSITY **Hogeschool Zuyd**

Heerlen, The Netherlands

DEGREE **Bachelor of Science in Computer Science**

August 2008 — September 2010

Bachelor education in Network and Infrastructure Design. The education focused on IT Services, IT Development and Business Intelligence. Also provided hands-on experience using Microsoft and Cisco products.

## 😊 Interests and Hobbies

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- 🎯 An early morning workout is the best way to exercise for me. I feel it is a great way to get motivated in the morning, it also brings a lot of energy.
- 🌐 Organize city-trips with a group of friends. Travelled through Asia with my girlfriend.
- 👥 Teach productivity techniques to help others achieve personal goals.
- 📖 Love to motivate myself by reading non-fiction self-improvement books.
- AI, Home-Automation, tech-talks, conferences and meet-ups. Co-organized PowerShell Saturday. Prefer Udemy over Netflix!