

JAVY DE KONING, MSc.

✉ JAVYDEKONING@GMAIL.COM ☎ (+31)6-204 735 02 📅 NOVEMBER 6TH, 1986
📍 BOS EN LOMMERPLNTS. 97H · 1055AA · AMSTERDAM (THE NETHERLANDS)
🐙 @JAVYDEKONING 🌐 GITHUB.COM/JAVYDEKONING/ 🔗 LINKEDIN.COM/IN/JAVYDEKONING

👤 PROFESSIONAL SUMMARY

A business focused and forward thinking leader, able to set a motivating work environment. Strong analytical 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	IPsoft	Amsterdam, The Netherlands
JOB TITLE	Technical Executive	May 2015 — now
REFERENCE	Nick Walsh	

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

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 a 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 (In Progress)
- 📄 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
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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 📄 <http://goo.gl/bw0xjD>

NLNET LABS	Defending against DNS reflection amplification attacks	February 2013
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The goal of the research 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
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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. Solid JavaScript. Comfortable with Bash/SQL.
Cloud	Azure, Amazon Web Services.
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

- 🏃 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 Udemty over Netflix!