

Henrik Jess Nielsen

Computer Engineer



Address

Skovstræde 3
4773, Stensved,
Vordingborg, Denmark

Mobile & Skype

+45 6021 4417
henrik.jess.nielsen /
henrik.i80

Mail

work@
i80.dk

Web & Git

i80 kode Repo

Programming



OS Preference

GNU/Linux ★★★★★
Unix ★★★★★
MacOS ★★★★★
Windows ★★★★★

Personal Skills



Summary

About me

[Resume](#)

I consider myself as a innovative IT professional offering vast experience leveraging software engineering and DevOps methodologies to deliver highly effective solutions.

Strong in design and integration problem solving skills, within business plans, requirements specifications, user-documentation, and architectural systems research. Analytical skills to develop IT and business strategies employing cutting-edge technologies to increase productivity

Experience

2023-Present **DevOps Specialist / Kubernetes**

[EvrOne Group ApS](#)

Providing Azure Cloud and AWS infrastructure using Terraform, ArgoCD, Docker Swarm, and cost optimization. Alignment with developers and management between code and compliance. Creating easy CI/CD steps for rapid deployment, and leveraging GitHub tooling to create efficient and consistent environments for the software pack.

With expertise in custom building Docker images and optimizing GitHub, developing infrastructure to support Docker/Kubernetes setup(s) and common cloud solutions. Additionally, utilizing Infrastructure as Code (IaC) principles and migrating barebone hosted solutions to Azure Cloud and AWS for production environments. Responsibilities encompass end-to-end containerization, automation, and cloud migration to enhance efficiency and scalability.

2022-2023 **DevOps Specialist / Solutions Architect**

[Ordrestyring.dk ApS](#)

Providing Azure Cloud infrastructure solutions, focusing on transitioning from on-premises to cloud-based environments. Ensure alignment with organizational goals and leverage GitLab custom tooling to create efficient and consistent environments for the software development life cycle (CI/CD).

With expertise in custom building Docker images and optimizing GitLab, developing infrastructure to support Docker setups and hosting. Additionally, utilizing Infrastructure as Code (IaC) principles and migrating barebone hosted solutions to Azure Cloud for production environments. Responsibilities encompass end-to-end containerization, automation, and cloud migration to enhance efficiency and scalability.

2020-2022 **DevOps / Operations / Solutions Architect**

[Hobbii AS](#)

Identify functionality gaps and develop solutions to them with other teams. Providing infrastructure solutions based on Amazon Web Services (AWS) in a fast-paced, challenging, innovative company. Working with GitLab to manage source code repositories and perform branching, merging, and tagging depending on the requirement. Involved in building and configuring Debian-based Linux servers. Research, endorse, and implement network enhancements, improving system reliability and performance for retail systems.

Places Lived



Languages

Danish ★★★★★
Swedish ★★★★★
German ★★★★★
English ★★★★★

Cloud Computing



2019-2020 **ERP Specialist / Implementation Consultant / DevOps** [VK-Data](#)
Manage multiple clients and issues. Define testing scenarios and develop test scripts, develop end-user documentation and training materials, support clients with the execution of test scripts, and analyze client-reported Odoo financials, supply chain, manufacturing, CRM, and project issues.

2017-2019 **Software Engineer - DevOp / ERP** [ASERGO Scandinavia](#)
ERP integration, business logic implementation. Developed, implemented, and rolled out new ERP system based on project needs (Odoo). Setting up staging environments for testing and development. Developing Git hooks for the local repository (code commit) and remote repository (code push) functionality. Worked with technologies such as Java, Python, Scala, Scrum, PostgreSQL, HTML5, JavaScript, jQuery, Kubernetes, Git, and online payments.

2016-2017 **Software Engineer - DevOp / Lead Dev.** [eResponse](#)
Q & A operations, quality control, and people project management. Implementation of various internet-based applications. Expert in a variety of platforms, languages, and embedded systems – designer, developer, and tester.

2015-2015 **Internship** [Zentao ApS](#)
Management and migration of servers. Development of web templates and interfaces. Management of SQL databases, development of end solution for clients.

2014-Present **Self employed - Consulting Firm** [i80](#)
Consulting firm with special solutions for special projects. Extensive background in full life cycle software solutions, requirements gathering, design, coding, debugging, and maintenance. Analysis on the design of electrical systems in commercial or residential buildings, and suggesting solutions or possible improvements.s

2008-2011 **Electrical Engineer** [Fl.Smidth](#)
Identifying strategic improvements to product life cycle (LEAN) and product testing and validation. Troubleshooting on commercial and industrial installations on site (global sites). Planning of projects, maintenance, and calibration of equipment and systems.

Education

2011 **Degree in Computer Engineering** [EASJ Sealand - Denmark](#)
Curriculum Networking and Multimedia.
Main subjects: Network Applications, Systems Architecture and Security, Network security
Sub subjects:, Mobile Applications, Multimedia Information Processing.

2005 **TEQ** [Frederiksberg Tekniske Skole](#)
Good understanding of Electrical Drawings, Planning of Projects, Erection and Maintenance. Both practical as well as theoretical knowledge of Different Electrical Instruments. Projecting and pricing projects

Other Information

Experience Various tools used over time - Some minor, some major

Programming / Scripting

[Work / Project related / Home](#)

Python, PHP, JavaScript, (C/C++, Java)
Bash, sh, zsh

Linux and Unix systems

[Work / Project related](#)

Debian Linux, Ubuntu Linux, RedHat Linux, CentOS Linux, FreeBSD, OpenBSD, Solaris

DevOps tools

[Work / Project related](#)

Jira Software, Confluence, Slack, Docker, Ansible, Chef, GitLab, GitHub, Jenkins, AWS, New Relic, Pingdom, Nagios

Web Frameworks systems

[Home / Self Educated / Project related](#)

Django, Pylons, Flask, Symfony, Laravel, Saleor, Wagtail, Plone

May 13th, 2024