

## Emil Larsson

Linköping

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Experienced DevOps Engineer and Identity specialist. Passion for learning, coding and cyber security, I bring positivity and knowledge sharing in my area of expertise to the team.

Works best under pressure, preferably with tight deadlines and clear end-goals. Effective at professional communication and technical writing.

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## Skills

### DevOps

CI/CD | Git | GitLab | GitHub | Python | PowerShell  
| Microsoft Graph | Bash | SSH | WinRM | Azure  
Functions | Azure Automation | unit & integration  
tests | DotNet | C# | Entra ID | Secret management |  
Modern auth | API development | CLI development |  
Technical writing | Visual Studio Code

### IT Infrastructure

Active Directory | Windows Server | Linux | ADFS |  
Azure Arc | DHCP | DNS | Advanced Group Policy  
Management | Azure Monitor | Azure VM | VMWare |  
QEMU | Hyper-V

### Cyber Security

Public Key Infrastructure | Entra ID | Microsoft  
Defender for Identity | RBAC | Windows Systems  
Hardening | Azure Sentinel | Identity Management

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## Experience

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2023, Linköping

After Magna's acquisition of the active safety division of Veoneer, I played a pivotal role in the decision-making and execution of a seamless migration of users, access, and directory infrastructure from a multi-company active directory domain to an existing production environment hosting over 150,000 users and 300 domain controllers. This was accomplished without any business impact and within a stringent deadline by developing robust infrastructure as code solutions and processes.

2022-2024, Online

Being an active member of the PowerShell community, I inspired Microsoft to create the GitHub Community Contributions project in major GitHub Projects such as the PowerShell-Docs, PowerShell-DSC repositories, by contributing issues and pull-requests to rework the content of Microsoft Learn. In the process, I was added to the PowerShell Community Hall of Fame and was invited to talk about the process on a community podcast.

2022, Linköping

During Qualcomm's acquisition of the automotive company Veoneer, I was an integral part of the Infrastructure and End-User Experience team. I was entrusted with the responsibility of securely transitioning users, access rights, and critical infrastructure from Veoneer's IT environment to Qualcomm, ensuring a smooth and secure integration. My team developed tools using DevOps practices to accomplish the migration with haste.

2022, Linköping

I spearheaded the global implementation of pass-phrase authentication for over 8000 users. I was responsible for the entire process, from the initial phased roll-out to the final implementation. My responsibilities included developing code-based solutions with version control, conducting unit tests, and creating comprehensive documentation. Additionally, I crafted communications for end-users and authored informative articles to guide users in securely setting their new passphrases and understanding the distinction between passwords and passphrases.

2021, Linköping

I initiated a transformative shift in the approach to automated processes within a global IT department, which comprises approximately 50 infrastructure engineers and architects. Transitioning from a legacy system of scripts, programs, and secrets scattered across infrastructure servers, I centralized the code within various Azure Automation accounts. This new approach incorporated automated version control, certificate-based code-signing, and secure credential management, significantly enhancing the efficiency and security of our operations while promoting automation.

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## Employments

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### **Wirely AB**

Cyber Security & DevOps Consultant

2024, LINKÖPING

### **Veoneer AB**

IT Automation & Identity Engineer / Identity Architect

2020, LINKÖPING

### **Iver**

IT Specialist / Identity & Automation Engineer

2018, LINKÖPING

### **DXC Technology**

Professional Systems Engineer

2014, LINKÖPING

### **Siemens SIT**

IT Technician, Helpdesk

2013, FINSPÅNG

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## Education

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### **John Bauer / IT Networking**

2009, LINKÖPING

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## Personal

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As a dedicated professional residing in the serene countryside of Östergötland, I bring to the table a strong passion for technology, particularly in the realms of DevOps, IT automation, cybersecurity, and infrastructure.

At 31 years of age and a proud father of two, I have a strong enthusiasm for problem-solving by code.

I place great emphasis on technical writing and automated solutions, recognizing their integral role in today's digital landscape.

Beyond my professional pursuits, I cherish spending quality time with my family and friends.

I also run a tech blog over at <https://ehmiiz.se>

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## References

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References available upon request

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## Other

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Swedish driver's license and passport