



PERSONALIA

LOCATION

Delft, Netherlands

DATE OF BIRTH

24-12-1977

WEBSITE

leon.hagenaars.nu

LINKEDIN

leonhagenaars

SKILLS

- Software engineering principles: e.g. TDD, DDD, CI/CD
- Software architecture (Team Enabler), Event Driven Architecture
- Coaching & mentoring (junior/medior engineers), workshops
- Programming languages: e.g. C#, C++, Python, Kotlin, Go, Java
- Frameworks: e.g. React, Django, ASP.NET MVC, Akka.net
- Platform engineering: Azure, Kubernetes, Docker, Terraform, Ansible
- CI/CD: GitLab CI, GitHub Actions, Jenkins, Argo-CD, Octopus
- AI Integration & Development: Ollama, Local LLMs, AI agents & skills development, GitHub Copilot, RooCode, Cline

LANGUAGES

- Dutch (native)
- English (fluent)
- German (good)

INTERESTS

- Track & field and running
- 3D design and printing
- Soldering
- Homelab maintenance

LÉON HAGENAARS-KEUS

Senior Software Engineer & Architect

PROFILE

I am a driven Senior Software Engineer, Architect, and Coach with a passion for the full code lifecycle. My focus lies on:

- Software Architecture & DDD: Translating complex domains into robust, scalable, and team-enabling architecture.
- AI in Software Engineering: Research and development of AI-tool-agnostic agents, local LLMs, and AI skills.
- Automation (CI/CD): Optimizing the software delivery process and developer experience.
- Coaching & Mentoring: Guiding engineers and providing specialized CI/CD training to elevate teams.

WORK EXPERIENCE & PROJECTS

Legend: **Technical & Tools** **Coaching & Teaching** **Team & process**

Sogyo internal (De Bilt) – Researcher & Senior Software Engineer

10-2025 – Present

- Research into software development using various AI tools, focused on harnessing, local LLMs, DGX clustering, and building AI-tool-agnostic harnesses, agents, and skills.

Ollama **Vllm** **JetBrains Junie** **GitHub Copilot** **ZooCode/RooCode** **Cline** **Claude.ai**

KPN (Rotterdam) – CI/CD Expert & Senior Software Engineer (via Sogyo)

10-2025 – Present

- Supporting the transition to an OpenShift/Kubernetes-based architecture in preparation for 6G.
- Setting up GitLab CI infrastructure and coaching on industry standards and best practices.
- Teaching IaC and CI/CD concepts; conducting workshops and knowledge sharing around backward chaining, Git, and CI in general.

Helm **GitLab CI** **GitHub Actions** **Argo-CD** **IaC** **CI/CD** **Backward Chaining**

ING (Amsterdam) – Senior Software Engineer & Coach (via Sogyo)

03-2021 – 09-2025

- Development of Intent-based firewalling and modeling the domain for internal infrastructure chargeback.
- Coaching and training an infrastructure team in Object-Oriented Design and DDD to evolve into a full-fledged development team.
- Setting up robust build infrastructure for the team.

Azure DevOps **GoLang** **Kotlin** **AKS** **Helm** **Ansible** **Cucumber** **Backward Chaining** **Event Storming** **DDD** **OO**
Knowledge Elicitation

Sogyo internal (De Bilt) – Senior Software Engineer, Platform Engineer, DevOps Engineer & Teacher

06-2013 – Present

- Setting up and managing internal cloud-native infrastructure, build pipelines, and hosting environments for development teams.
- Training and mentoring junior and medior software engineers within Sogyo.
- Further development and refactoring of an event-sourced HR and trainee tracking application.
- Setting up an internal AKS cluster for the HR application and build infrastructure for internal projects.

Kubernetes AKS Docker GitLab CI Ansible Terraform Helm ELK-stack C# Event Driven Architecture
DevOps Event Storming CI/CD

Shorter Advisory & Engineering Assignments: ASR & Videns IT (via Sogyo)

01-2021 – 12-2021

- **ASR:** Supporting and coaching Chapters and Guilds for more effective collaboration; coaching and teaching CI/CD and TDD; contributing to the software engineering vision.
Azure DevOps SpecFlow CI/CD TDD
- **Videns IT:** Setting up CI/CD stack with GitHub Actions & Docker; refactoring and making SDN monitoring software testable; coaching a junior in applying OO/DDD in Python, basic architecture skills, refactoring, and clean coding. Python Django ReactJS OO DDD Clean Code

Norma Foundation (De Bilt) – Software Engineer (via Sogyo)

11-2015 – 04-2021

- Implementation of an event-sourced actor model to apply private copying levy budget distribution rules.

Akka.net Octopus .NET 4.5 Azure VM's WebAPI WPF SpecFlow .NET Core / .NET 5

Various Assignments as Software Engineer & Architect (via Sogyo)

01-2009 – 12-2014

- Executed diverse projects for clients including Vodafone, Micro Valley, Solviteers, and Mindz.com.
- Focus on designing scalable architectures (Domain Driven Design, Event Sourcing), introducing Continuous Delivery (Jenkins), and coaching development teams.

C# .NET (3.5/4.0/4.5) ASP.NET MVC WCF TDD Scrum Agile Event Storming Backward Chaining

Earlier Employers: Voice Data Bridge & Remotion

09-2002 – 12-2008

- **Voice Data Bridge (2007 – 2008):** As Software Engineer, responsible for the development of directory assistance services and call center applications.
- **Remotion (2002 – 2007):** As ASP Web Developer, responsible for the technical implementation of CMS projects, intranet backends, and reservation systems.

EDUCATION

- **Systems And Control** – TU Delft (DCSC), Delft (01-09-2003 – 01-04-2007)
- **Electrical Engineering** – TU Delft, Delft (01-09-1996 – 01-04-2007) *Propedeuse (first-year certificate) completed*
- **VWO** – Stanislas College, Delft (01-09-1989 – 01-07-1996) *Completed*

CERTIFICATIONS

- **Microsoft TS:** Microsoft .NET Framework 3.5 – Windows Communication Foundation
- **Microsoft TS:** Microsoft .NET Framework 2.0 – Web-Based Client Development
- **Microsoft TS:** Microsoft .NET Framework 2.0 – Application Development Foundations
- **EXIN:** Foundation Certificate in Object Orientation