Head of Digital Service Infrastructure

Assemblin Caverion Group · Digital Services Development (DSD)
Location: Finland (hybrid) · Permanent · Reports to the Head of Digital Service Development

Purpose of the role

Our digital services and the AI Factory run on one platform: Azure, our own GPU hardware, Kubernetes, identity and release pipelines. We are looking for a leader who owns this platform as a whole: its architecture, reliability, security and costs.

The role grows from today's work on pipelines, releases and environments to ownership of the whole infrastructure: platform strategy, service levels, budget and vendors.

The heart of the role is development: renewing the platform, automating it and making it simpler, faster and cheaper over time, so that our digital services and the AI Factory can grow on it.

Responsibilities

Development and renewal

- You develop the platform continuously: automation, self-service environments for developers and agents, a simpler architecture, and measured improvement in release speed, reliability and cost.
- You evaluate and pilot new technologies (for example GPU inference stacks, managed services, GitOps practices) and bring the successful ones into production.
- You own the platform development roadmap and keep it current with the Head of Digital Service Development.
- You develop shared platform practices for the group's digital services and document them.

Platform and runtime environments

- You own the runtime environments of our services: AKS and Container Apps, Azure Database for PostgreSQL, Key Vault, Container Registry and networking.
- You are responsible for our own AI infrastructure: GPU inference (DGX Spark and the upcoming DGX Station), model services and the model gateway, and their capacity.
- You lead the GitOps model (Helm, Helmfile, Flux) and the environment lifecycle from preview to production.

Releases and developer experience

- You own the CI/CD pipelines (GitLab, GitHub Actions with self-hosted runners, the move away from Azure DevOps): build once, promote the same image.
- You make sure developers and agents get fast, repeatable and secure runs.

Identity, security and continuity

- You are responsible for app registrations, managed identities and Entra ID / External ID configuration together with group IT.
- You are responsible for secrets management, least privilege, monitoring, backups and recovery.
- You drive infrastructure compliance (e.g. NIS2 and ISO 27001 practices) together with security.

Finance and vendors

- You own the infrastructure budget and cost tracking (Azure, GPU capacity, licences) and optimise it based on measurements.
- You steer vendors and agree service levels and on-call.
- You work closely with the Head of AI Software Development.

What we expect

- Strong production experience with Azure: AKS, networking, Key Vault, managed databases, cost management.
- Experience with Kubernetes releases: Helm, Helmfile, Flux, autoscaling (e.g. KEDA), resource limits.
- Experience with CI/CD pipelines on several platforms (GitLab, GitHub Actions, Azure DevOps) and with migrating between them.
- Experience with authentication and app registrations (Entra ID, External ID, OIDC).
- Experience running GPU inference or model services is a strong plus.
- A drive to develop: you automate the repetitive and simplify the complex.
- The ability to move infrastructure in a simpler direction: fewer parts, more automation, clear ownership.

Nice to have

- Proxmox, Talos or another on-premises data-centre environment.
- Security and continuity practices in a regulated environment.
- Experience steering vendors.

What we offer

- Full responsibility for the platform that runs the group's digital services and the AI Factory.
- Our own hardware and the cloud under one architecture: data and models stay under our control.
- A clear mandate: architecture and budget are your responsibility.
- A growth path into infrastructure leadership in a growing unit.
- Room to develop: time and budget for experiments, training and conferences, and support for your own professional growth.

Application

We review applications continuously and encourage candidates to apply as soon as possible as the recruitment will be concluded as soon as suitable candidate is found. Applications are to be sent to: eetu.kirsi@assemblincaverion.com

For more information please contact:

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About Assemblin Caverion Group

Assemblin Caverion Group is a leading northern European provider of technical services and installations, delivering smart and sustainable solutions in multiple technical expertise areas

across the full lifecycle of the built environment. With around 20,000 skilled and committed professionals in nine countries, we help customers improve energy efficiency, sustainability and automation in buildings, infrastructure and industrial environments through our main brands, Assemblin and Caverion, alongside several other commercial and product brands. The Group generated SEK 41 billion (EUR 3.8 billion) in revenue over the last twelve months.