Lionel Schiepers

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📍 Brussels

LANGUAGES

- French – C2
- English – C1

SUMMARY

With several years of experience, I have designed scalable **cloud-native** solutions optimized for performance and cost, with a strong focus on automation (**IaC, CI/CD**) and **security**. My leadership and ability to mentor technical teams, along with my knowledge of related technologies like **Kubernetes**, **Azure** and **.NET**, are assets I can bring to your company.

Motivated by the opportunity to contribute to your innovative projects, I would welcome the opportunity to discuss how my background and skills can support your team's goals.

EXPERIENCE

Integration Architect & DevOps Engineer | Mai 2025 To Present

Fédérale Assurance

- I mentor the developers about modernizing the applications: .NET 10 coming in november, Aspire, PaaS like App Services, Azure Container Apps or Azure (Durable) Function, proactive monitoring with Application Insights or OpenTelemetry instead of waiting for the client to complain (worst situation), Azure RBAC and Managed Identity to avoid password, KeyVault integration inside .NET Apps, structured logging, native security about authentication and authorization inside the services instead of delegating that functionality to a less secure solution etc.
- I facilitate the resolution of complex situations that involves many competencies at the same time (infrastructure, security, development, network) thanks to my broad transversal experiences.
- I reduce the time of development thanks to advising new strategies, out of the box, approaches.
- I challenge the solution architectures to reduce the cost (opex) and increase the security thanks to my technical knowledge with a lean and business first approach.
- I modernize old Classic Azure Build Pipelines to modern YAML Build Pipeline using a common framework to reduce the maintenance cost.
- I expose services through Azure API Management Service. The APIM is used as a service catalog and takes in charge the security for legacy systems that doesn't support native security. The deployment are done with IaC Bicep.
- I modernize Biztalk orchestrations to Secure .NET 10 Services (Minimal API, OpenAPI, OAuth 2.0, Application Insight, KeyVault, xUnit unit & integration tests etc).
- I maintain the on-premise Azure DevOps platform.

Azure Architect & DevOps Engineer | Nov 2023 To June 2024

D'Ieteren

- I'm responsible of the CI/CD platform with Azure DevOps. I migrate all Azure DevOps pipelines from classic to YAML.
- I'm responsible of the GraphQL developments & deployments with containers. For example integrating Data Api Builder with the inhouse authorization provider.
- I'm in charge of all .NET developments made for the data platform team (microservice, .NET Core 6 or 8, Azure Durable Function, SQL Server etc…).
- I maintain the existing stack (for example migrating .NET Core 3.1 to the latest LTS .NET Core 8 or migrating Azure Durable Function from inproc to isolated worker).
- I monitor applications health.
- I challenge infrastructure & integration about security (oauth, firewall…), performance (http compression, traffic over fetching, sql schema…) & cost. For example not using everywhere nvarchar(max).

Lead DevOps Engineer | Sep 2022 To Mar 2023

The RingRing Company

- I manage the CI/CD pipelines (YAML) and the deployments to Kubernetes with Octopus Deploy
- I deploy and manage a Kubernetes monitoring stack on-premise with Prometheus/Grafana.
- I'm in charge of the code quality with the help of SonarQube.
- I give advises about how to reduce the learning curve or reduce the cost.
- I help the developers to troubleshoot the production issues and give advises for future improvements.

Solution Architect & Team Lead | Apr 2022 To Aug 2022

Aprico

- I'm in charge of the development of a web/mobile application deployed on Azure with IaC.
- I lead a team of developers based in Tunisia.
- Scrum master.
- I'm in charge of the Azure DevOps environment (CI/CD, deployment with terraform).
- Tech lead for the .NET Developments on Azure (Microservice, .NET Core 6, unit test, DDD, Event Driven, CQRS).
- Release Management, GIT branching strategy.
- I maintain the existing network architecture (application gateway, load balancing, health monitoring, firewall etc).

Senior Consultant | Feb 2022 To Apr 2022

Capgemini

- I design & deploy a Hub & Spoke network architecture on Azure to host the low code platform. This includes segregated production & non-production environments.
- I get the AZ-204 certification (developing solutions for Azure).

Technical Architect | Feb 2020 To Feb 2022

YPTO / SNCB-NMBS

- Application owner of the CI/CD (Jenkins) & Azure DevOps platforms.
- Responsible of the code quality by using i.e. SonarQube & unit tests.
- I design Azure architectures for micro services related projects.
- I design OpenAPI or GraphQL API.
- Tech Lead for the development of a mobile application (react native) using back-end micro services (.NET Core). The team is composed of 5 developers.

Team Lead – Tech Lead | Jul 1998 To Dec 2019

Bureau van Dijk / Moody's Analytics

- 2017 - I lead a team of developers. I directly report to the CTO. I'm in charge of the planning / career development.
- 2017 - I install a NoSQL cluster with HA capabilities to store more than 100M+ documents about patents.
- 2016 - I implement a cloud infrastructure in china (firewall, load balancer, monitoring/health check, SQL databases, web servers).
- 2009 - I create a standalone web server (based on cassini) that allows to distribute the internet applications on bluray discs as a standalone application.
- 2007 - I create a distributed application used to encode merger & acquisition data. The application is used in Brussels - Manchester - Singapore. It relies on a distributed SQL merge replication.
- 2005 - I create a distributed monitoring system that monitors web applications, servers, routers... and takes actions when a node is failed + reporting to the manager & QA team.
- 2000 - - I create a Continuous Integration system that automates source branching and setup deployment.

HOBBIES

- Cooking
- Running
- Recycling / Crafts

EDUCATION

Bachelor in Computer Science | 1998

HEPL Rennequin Sualem (INPRES)

SKILL HIGHLIGHTS

- Business first
- Management
- Architecture
- Creativity
- Pro-active

- Cloud
- Lean
- DevOps mindset
- Team Player
- Problem solver

CERTIFICATIONS

- AZ-204: **Develop Azure Solution**