



# Yazan Ghafir

Cloud Architect, Cloud Engineer & DevOps Engineer  
Full-Stack Software Engineer

Azure, DevOps, .NET, Angular, Kubernetes

MSc of Science in Data-Science & AI  
Civilingengör in Software Engineering



## Profile

As an IT professional with a robust 4-5 years of hands-on experience, I have had the pleasure of working on a wide range of projects across different areas such as cloud adoption, cloud migration & development, system integrations, full-stack development, and DevOps.

From pre-sales to implementation, my expertise has led me to work with clients of diverse scales, where I have been able to leverage innovative technology solutions while adhering to constraints.

## Skills

### Programming Languages

**C#, .NET CORE**, .NET Framework, **Java EE**, Java SE, **Python**, C, **AngularJS**, **ReactJS**, Android, IONIC, **TypeScript**, HTML, CSS & **JS**, CSS, SASS, **SQL** Server, Postgres, Apache, Spark, R, C++, Erlang, Matlab, **Terraform**, Yaml

### Software Systems

**Azure Cloud**, **Azure DevOps**, **IaC**, **Terraform**, **IaaS**, **PaaS**, **SaaS**, **AWS**, **Docker**, **Kubernetes**, **Linux**, **Micro-services** **Power Automate**, Dynamics 365 CRM, Business Central, Confluence, Jira, Combinum Configurator, Google Cloud, Power BI, **Azure AI** **Cognitive Services**, **Auto ML**

### Tools & Libraries

**Git**, NodeJS, NPM, **REST**, GRPC, Websockets, **Bash Scripting**, **Powershell**, **Spring & Spring Boot**, Tomcat, VM management, IIS, **Azure App Services**, **Cloud Storage**, **Azure AD**, **Azure functions**, **Azure Logic Apps**, Azure Event grid, Load balancers, Firewall, IoT Event Hub, Azure containers, **WVD**, Azure Cosmos DB, **SQL** Server, Data Lakes, **PyTorch**, Tensorflow, Keras, Redis, Sklearn, Pandas, Numpy, Bottle, Flask, jQuery, Graph Algorithms, Software product line engineering, Java CDI, Redux, **Linq**, **Entity Framework**, **CICD**,

## Professional Certifications

[Microsoft Official Transcript](#)

[Credly Profile](#)

- Microsoft Certified: Azure Cloud Solution Architect Expert
- Microsoft Certified: Cloud Infrastructure Designer Expert
- Microsoft Certified: Azure Cloud Technologies Expert
- Microsoft Certified: Azure DevOps Engineer Expert
- Microsoft Certified: Azure Cloud Developer Associate
- Microsoft Certified: Microsoft Azure AI Engineer Associate
- Microsoft Certified: C# server side professional Programmer
- Microsoft Certified: Azure AI Fundamentals Certificate
- Microsoft Certified: Azure Fundamentals Certificate
- HashiCorp Certified: Terraform Associate (002) - DevOps IaC



[Portfolio](#)

## Personal

City  
**Gothenburg, Borås or Remote**

Nationality  
**Swedish**

Year of birth  
**1993**

Email  
[yazan.yasser.ghafir@gmail.com](mailto:yazan.yasser.ghafir@gmail.com)

Phone  
**+46 733888849**

## Key Competences

- Azure
- Cloud Computing
- OO System Architecture
- Full-stack Programming
- Azure DevOps
- Kubernetes
- Terraform IaC
- SW Product Design
- Cloud Automation
- Cloud Migration
- Integrations
- Security, Policies & IAM
- CI/CD
- Scripting
- Networking
- Containerization
- Leading
- Prof. Communication
- AI & Algorithms

## Languages

- Swedish
- English
- Arabic

## Earned Badges



# Work experience

## Cloud Architect & Senior Software Engineer, In Process AB, Borås

January 2022 - Present

I have been responsible for creating and managing our clients' cloud systems as well as developing critical integrations and solutions. Some clients I worked with are **ABB, Valmet, Parker Hanafin, Aritco Lift and Doosan**

- I'm leading the refactoring of the complete base configurator system into a fully **SaaS** solution.
- built 2 system wide **single sign on** solutions which are used by thousands of sellers and resellers on daily basis.
- completely replaced the cookie-based authentication mechanism of all systems by developing a Token Based Authentication system (**JWT**) and exposing REST APIs using the most modern security protocols **OAuth2 & OpenID Connect**.
- Replaced the underlying hashing algorithms to latest and most secure according to NIST.
- implemented a complete cloud **webhook** solution
- migrated on-prem systems to **Azure App services, Azure functions, Docker** containerized apps **on Kubernetes** and performed auto deployments using IaC platform **Terraform**.
- built scalable, secure and complex architectures of webapps, databases connected to VNET, load balancers, vpn, firewall, etc.
- implemented CICD, by setting up build & release pipelines on **Azure DevOps**
- ensured business continuity and made auto disaster recovery, by setting up autobackups, designing policies and blueprints
- Managed **cloud Active Directory, IAM & Conditional access**
- built a complete **windows virtual desktop** env. for running legacy desktop apps on the cloud, resulting clients accessing legacy windows forms desktop apps using their mobile phone browser.

## Cloud Engineer & Integrations Project Manager

### Senior Software Engineer, COMBINUM, Borås

January 2020 - January 2022

I led a **large integration project** between the COMBINUM CPQ and **Microsoft Dynamics 365 CRM**. I also integrated the CPQ with the **Business Central ERP** and **Azure AD**. I wrote more than 60000 lines of code in the CRM integration which is used as core system for many CPQ client-companies to configure products and quote their clients in fast and fully integrated manner. Moreover, I worked on the following:

- Azure integration services, like **Azure functions, logic apps**, and event grids.
- **Azure DevOps**, Azure AD, Virtual machines, App services, Cosmos db, SQL db, VNET, and many other Azure IaaS, PaaS & SaaS services.
- **C# .NET framework .NET CORE 6** as daily programming server-side work. I developed side systems in **java, JavaEE9/JakartaEE, SpringBoot & Python, flask & bottle** as backend technologies,
- **React.js, Angular, Typescript, JavaScript**, HTML5, CSS, SCSS, SASS as frontend technologies
- Ionic 5, Java Android as mobile technologies, WPF & C# Microsoft Windows forms desktop technologies,

- Microsoft SQL Server, Postgres, SQLite on-prem relational databases,
- Azure SQL Database, Azure Cosmos db nosql as cloud databases, Entity framework, Entity framework core as ORM for .net framework and .Net core, Hibernate, JPA java persistent API as ORM for Java Enterprise Edition,
- **Bash scripting, Powershell scripting, ARM templates**, cloud automation, REST APIs and many test frameworks.

## Co-Founder & Lead Software Architect at Lawyala, Gothenburg and Dubai

January 2019 - January 2020

I was a **co-founder** of the start-up Lawyala and the main **software architect** and developer for the **SaaS system** & the **cross-platform mobile app** that the company offered. The system I built is a full fledged global **video conferencing system with lawyers** around the **world**. You could book a video meeting with a lawyer, choose the time and **pay** in the mobile app as a client. The lawyers have their own administration portal to view, manage and edit the meetings and the incoming money. Also, lawyers were able to register in availabilities through the portal and much more. The system comprised scalable web servers developed in **C#/.NET Core**, an extensive **Angular web app** for lawyer administration, **Azure distributed SQL cloud database**, **IONIC** mobile app (**ios/android**) with a scalable Angular interface, and a public-facing site. I have deployed all systems in a secure and scalable manner on Azure Cloud. I used the most modern technologies while building the system. I personally wrote more than **300 000 well-written lines of code** in the system.

## Work experience before 2019

2018 Supervisor in Data Structures and Algorithms, Chalmers

2018 Supervisor in Object-oriented programming, Chalmers

2017 Inventor at Vinnova financed project - Nappi, Gothenburg

## Education

**Master of Science in Data Science and AI, Chalmers, Gothenburg**

September 2020 - June 2022

**BSc in Software Engineering, Chalmers, Gothenburg**

September 2017 - June 2020

**Software Engineering Civilingenjör, Chalmers, Gothenburg**

September 2017 - June 2022