

D. Yiğit Yılmaz

Software Engineer

Amsterdam, Netherlands

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📍 How to pronounce my name

in [/d-yigit-yilmaz](https://www.linkedin.com/company/d-yigit-yilmaz)

🐙 [/yvesyil](https://github.com/yvesyil)

🌐 yvesyil.xyz

The quote "What I cannot create, I do not understand" by Richard Feynman really resonates with me because this is my approach for learning new concepts in life. If I find myself trying to understand how a system works, I start by thinking how I would design it and build a small version of it.

🎓 Education

Technological University of the Shannon (TUS)

B.Sc Honours in Honours Software Engineering with Cloud Computing

2021 – 2023

Athlone, Ireland

- Grade: First Class, Courses: Distributed Systems, Databases, Service Oriented Architecture, Security

Bilkent University

B.Sc in Information Systems and Technologies

2019 – 2021 (Transferred to TUS)

Ankara, Turkey

- Grade: 3.2/4.0, Courses: Object Oriented Analysis and Design, Computer Algorithms and Data Structures, Computer Networks Cisco CCNA, Web Technologies

🔧 Experience

ING Bank Nederland

Software Developer

October 2023 – Present

Amsterdam, Netherlands

- Currently involved on the improvement and the migration of billing services to onboard business customers to a new platform within daily banking.
- Developed test tools using Python and Selenium that automated the regression testing of the migrated services.
- Worked with Oracle databases, wrote extensive SQL queries and stored procedures, and worked on the improvement of Java Spring APIs via best practices.
- Created CI/CD pipelines on Azure DevOps for seamless deployment/execution of the migrated services.

Johnson Controls

Software Developer Intern

January 2022 – July 2022

Cork, Ireland

- Collaborated on the design and development of an enterprise-grade chatbot using Node.js and Azure Bot Framework SDK, hosted on Microsoft Azure Cloud.
- Implemented the core web service of the chatbot that communicated with both internal and external REST API microservices.
- Utilized natural language processing AI models available on Azure Cognitive Services to enhance the chatbot's ability to understand and respond to user input.
- Worked within an agile development process utilizing Azure DevOps and Git version control.

Adastec

Software Engineer Intern

June 2021 – August 2021

Istanbul, Turkey

- Worked in the perception part of the autonomous driving software for commercial vehicles.
- Designed and developed a service using C++ to detect the position and the state (opened or closed) of access barriers using 3D space LIDAR sensor data.

- > Utilized pub/sub communication with other services to ensure the raw LIDAR sensor data was compressed, noiseless, and semanticized.

Personal Projects

CLOWA (clowa.net)

 [/clowa](https://github.com/clowa)

- > CLOWA (Curated List Of Web Articles) is a website where a handful of curators share articles, blog posts, and other written web content that they think are worth reading. Written using Next.js, Tailwind CSS, and TypeScript with a Supabase backend (PostgreSQL).

Claw.js

 [/claw-js](https://github.com/claw-js)

- > A linear algebra library for JavaScript that's written in both C and JavaScript that uses OpenCL to compute matrices on the GPU. It's aimed to be used for Deep Learning applications as it can reduce training time.

Neural Network from Scratch

 [/neural-net-api](https://github.com/neural-net-api)

- > A Neural network completely written from scratch using TypeScript with matrix and differential operations are written by me, designed to recognize hand-written digits. Also serves as a REST API.

Skills

Programming Languages JavaScript, TypeScript, Python, Java, Go, C, C++, HTML, CSS, SQL

Tools & Technologies Git, Node.js, Oracle, PostgreSQL, Docker, Kubernetes, Microsoft Azure, Azure DevOps, Linux, CMake, Ansible, Coreutils & binutils

Frameworks & Libraries React, Express.js, Next.js, Flask, Pandas, Numpy, PyTorch, OpenGL, OpenCL, WebGL, Tailwind

Natural Languages Turkish (Native), English (Advanced), French (Basic), Dutch (Basic)

Hobbies

Music

- > Playing Guitar and Piano
- > Music Composition and Theory

Reading

- > Technical Blogs
- > Materials related to STEM

Sports

- > Bouldering
- > Ping-Pong