

Sefa Bilicier

Cloud & AI Engineer

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About

Passionate about designing and building AI agentic systems and software solutions tailored to user needs. I focus on creating intelligent, efficient tools that deliver exceptional outcomes and align closely with client requirements.

Experience

Cloud & AI Solutions Architecture – Full-Time

HUAWEI

Jul 2025 - Present

- Migrated 11 functions belonging to the **South Africa's** biggest movie platform, [DSTV](#), from **AWS** to **Huawei Cloud** using python as backend and using FunctionGraph, Elasticsearch, kibana and APIGateway to test HTTP/HTTPS of those functions.
- Handling Huawei Cloud **Artificial Intelligence Bootcamp** (1-month-long) as trainer and taught to students Machine Learning techniques and their use cases on Huawei Cloud.
- Analyzing HCCDx Certification for Türkiye using Data Science methods such as data visualization for charts-python and its components used.
- Created pipeline for the AI project coming from QNB, TomTom, Zzeti, Pagebuilder, Endeksa, and etc.

Artificial Intelligence Engineering - Intern

Microsoft

Jul 2025 – Aug 2025

- Built ResuMate, a **full-stack AI platform** for resume analysis and job matching using Flask, React, PostgreSQL, and Ollama LLMs, developing a modular backend to parse resumes, extract insights, and match candidates to jobs. I integrated Kaggle datasets for job classification, implemented semantic matching with scikit-learn/Nomic embeddings, and optimized API and LLM outputs for **ATS** compliance, contributing to real-time analytics and performance in a team-based agile environment.

Software Engineering – Intern

HUAWEI

Nov 2024 – Jul 2025

- Reached the final stage of the Huawei Developer Competition Europe 2024 by building end-to-end cloud optimization web application using **MERN** stack and **Terraform** (IaC) - applied SOLID principles and architectural best practices to design a scalable system.
- Built an AI model using Ollama and the Retrieval-Augmented Generation (**RAG**) method, leveraging data from HashiCorp to address customer needs related to cloud infrastructure services.
- Being selected as a **Europe** Region finalist in the Huawei **ICT** Competition 2024-2025.
- Provided support to Europe Region Cloud Track participants by guiding them in using the cloud environment and leveraging cloud services effectively - for Poland, England, Lithuania, Ukraine, Mexico, Slovakia.
- Delivered my first [tech talk](#) (DTT) on the Huawei Student Developers YouTube channel, presenting AI-based video content transcription and translation. Additionally, [hosted Dan Vega](#) (Spring Developer Advocate, Broadcom, the USA) on HSD YouTube channel for a guest session where he presented on Spring AI.
- Currently collaborating with the DTSE team on AI, software development, operation, and continuous learning.
- [Medium Articles](#) about backend, AI, cloud, and more.

Site Reliability Engineering – Intern

Şişecam A.Ş.

Sep 2024 – Nov 2024

- Responsible for ensuring the reliability and performance of Şişecam's **international systems**, identifying system bugs, and communicating issues to relevant teams for prompt resolution.
- Proactively leveraged a range of monitoring and security tools such as **Crosser, Prometheus, Grafana, and CYBERARK** to maintain system integrity. Utilized cloud services and databases, including Google Cloud, **BigQuery, DBeaver**, and **TimescaleDB**, for data management, analysis, and optimization of cloud operations.
- Managed ongoing development tasks and improvements through Jira, collaborating closely with development teams to drive efficiency and system enhancements.

Software Engineering – Intern

Agito Software & Consulting

Jul 2024 – Nov 2024

- Developed an end-to-end web **ERP** application for an insurance company, utilizing **Java, Spring Boot**, HTML, CSS (Tailwind), and JavaScript with Thymeleaf for client-side rendering.
- Integrated **PL/SQL** with a **Docker** container, ensuring seamless database interaction. Implemented robust features such as **logging, caching, security, exception handling**, and **monitoring**, while also optimizing system performance through containerization and efficient mapping strategies.
- Participated in customer meetings, documenting requirements and forwarding them to business analysts for further analysis and action.

Product Management – Part-Time

LC WAIKIKI

Jan 2024 – Jul 2024

- Contributed to website design and development, focusing on optimizing the electronic purchasing process to enhance user experience and streamline transactions.
- Improved product information on the website, ensuring accuracy, clarity, and ease of access for customers.
- Comprehensively conducted, customer needs analysis and competitor research, identifying key opportunities for improvement and providing actionable insights to inform design and functionality enhancements.

Assistant Manager – Full-Time

Kim Group Store

Jun 2023 – Oct 2023

- Collaborated with regional directors and department managers to oversee product management and ordering processes, addressed client issues with timely solutions, and managed departments including greengrocer, butcher, charcuterie, forage, and beverages to ensure smooth operations and inventory control.

Customer Services Representative – Full-Time

Multinet Up

Jun 2020 – Oct 2020

- Monitored customer meal card orders, ensuring timely processing and resolving issues through email and phone communication, coordinated with new customers to confirm meal card delivery, and managed accurate client documentation for consistency and future reference.

Operation Assistant Specialist – Part-Time & Full-Time

iPara

Jan 2019 – Sep 2019

- Managed client documents as an authorized archive member.
- Collaborated with fraud, sales, and customer relations teams to send store details to the software development team for virtual POS implementation.

Workplace Registrations – Intern

Social Security Institution

Sep 2018 – Jan 2019

- Responded to citizen inquiries, collaborated with the archive department on documents, created and entered citizen records online, and tracked workplace information.

Education

Istinye University - 2023 – 2025

Minor Degree, Software Engineering

Istinye University - 2021 – 2025

Bachelor's Degree, Computer Science

Experienced Languages, Tools

Java, Spring, Spring Boot, Spring AI
C#, .NET, MVC
React, Express.js, Node.js
SQL, T-SQL, PL-SQL, MongoDB, TimescaleDB
RESTful Architecture,
Git, GitHub, GitLab

Huawei Cloud, AWS
Grafana, Prometheus
Docker, Kubernetes
Ollama, Retrieved Augmented Generation,
BigQuery

Certifications

IBM

Software Engineering (6 Months)
Devops Engineering
Artificial Intelligence Engineering (Ongoing)
People And Soft Skills For Success

University Of Leeds

Discrete Mathematic, Linear Algebra

HUAWEI

HCCDA - Tech Essentials
HCCDA - Artificial Intelligence
HCCDA – Cloud Native
HCCDP – Cloud Migration
HCCDP – Solution Architectures

BTK

Design Patterns
Java Enterprise Advanced
Software Architecture
MVC with ASP .NET Core
API And API Testing
Advanced SQL
Database Attack and Database Security
and more.

Google

IT Support for Professional (6 Months)

Tech Competitions

HUAWEI Developer Competition Europe 2025-2025 – **9th** Ranked

HUAWEI ICT Competition 2024-2025 – Europe Region **7th** Ranked