

# KAAN ÖZER

## Computer Engineer

Eryaman, Ankara / TR - +90 541 830 1701 - Military Service: Completed

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## ABOUT ME

Full-stack developer with hands-on experience in scalable web applications and modern technologies. Actively involved in various international and local projects across large, medium, and small scales, collaborating with professionals and students from diverse national and disciplinary backgrounds. Eager to contribute to collaborative teams and seeking a full-stack, frontend, or backend development role that offers opportunities for continuous learning and technical growth.

## EXPERIENCE

### SCW.AI by Supply Chain Wizard

February 2024 - June 2025

#### Software Developer, Part Time

- Actively contributed to Agile sprints while gaining hands-on experience with Scrum methodologies, and efficiently managed tasks and project workflows using Jira, Git, and Bitbucket.
- Played an active role in the development of core products, OEE Tracker and Digital Logbook, by implementing new features, fixing bugs, participating in code reviews, and maintaining key business modules in close collaboration with the development team.
- Gained experience working with Google and Azure APIs, including Google Authentication, Calendar API, and user management operations.
- Besides contributing to core business modules, played a key role in the end-to-end development of internal projects, including a meeting room tracking system and another product designed for internal use, and participated in all stages from scratch to deployment.
- Gained hands-on experience throughout my time at the company by actively working with technologies such as TypeScript, NestJS, Angular, Django, Python, NgRx, TypeORM, Docker, PostgreSQL, MySQL, SCSS, JavaScript, Bootstrap, and HTML across multiple real-world projects.

### The Silk Project (Sustainable Information Lifecycle of Kervanseray)

August 2023 - April 2024

#### Software Developer, Part Time

- Joined the international research project as a part-time team member to independently develop its website as a full-stack developer, using HTML, CSS, JavaScript, PHP, Bootstrap, PhpMyAdmin, and MySQL - project available at [makingindigital.com/silk](https://makingindigital.com/silk).

**Principal Investigator:** Assoc. Dr. Güzden Varinlioğlu

**Project Team & Partners:** MIT, University of Oxford, ITU, METU, IEU

### 35 Inch Software Solutions

November 2023 - December 2023

#### Backend Developer Intern

- Gained hands-on experience in various projects and closely observed the industry's use of modern technologies, working with TypeScript, Express.js, Node.js, Mongoose ODM, MongoDB, MVC, Axios, Knex.js, and PostgreSQL - projects available at [discord-reminder](#) and [user-management-panel](#).

### Atlas of Mediterranean Liquidity

October 2023 - November 2023

#### Software Developer, Part-time

- Contributed to the development of the website for the international 'Atlas of Mediterranean Liquidity' project, specifically for the 'Our Water' section, utilizing TypeScript, Node.js, AngularJS, and JavaScript.

## Management Information Systems Directorate

October 2021 - October 2022

### Software Developer, Part-time, Izmir University of Economics

- The project I have been involved in and contributed to the development of, which is still in use and addresses a real issue at my university, can be accessed through this link: [apply.ieu.edu.tr/etikkurul/](https://apply.ieu.edu.tr/etikkurul/).
- Actively contributed to various processes including website development, user interface design, document preparation, and survey integration, using HTML, CSS, JavaScript, PHP, Bootstrap, PhpMyAdmin, MySQL, Git, and GitHub.

## EDUCATION

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### Izmir University of Economics

September 2020 - June 2025

#### B.Sc. in Computer Engineering

- Graduated with a GPA of **3.61 / 4.00**.
- 100% English-medium instruction.
- 50% Scholarship.

### Technical University of Applied Sciences Würzburg-Schweinfurt

March 2023 - July 2023

#### Erasmus+ Mobility with Scholarship.

- Collaborated with international peers on software engineering projects, enhancing cross-cultural teamwork, communication, and problem-solving skills. Representative GitHub repositories: [Foundations of Distributed Systems](#), [Exam Quality Control](#), [National Admission Agency](#).
- Completed all technical electives at the host institution, strengthening foundations in engineering and computer science.

## TECHNICAL SKILLS

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**Programming Languages:** TypeScript, Node.js, JavaScript, Java, PHP, Python, C#, HTML, CSS, SCSS.

**Libraries/Frameworks:** .NET, NestJS, Express.js, Angular, React, Bootstrap, Basics of Spring Boot.

**Database:** MSSQL, MYSQL, PostgreSQL, MongoDB.

**ORM/ODM:** Sequelize, TypeORM, Entity Framework, Mongoose.js.

**Tools/Platforms:** Git, Docker, Jira, Visual Studio, IntelliJ IDEA, PyCharm.

## LANGUAGES

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**English:** B2 (Professional working proficiency)    **German:** A2 (Basic communication)

## PROJECTS

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[CAAN \(Crisis Assistant and AI Navigator\)](#): Developed a web-based AI chatbot as a graduation project designed to assist disaster-affected individuals in Türkiye by providing accurate and accessible guidance on insurance claims, financial aid, and emergency procedures. Leveraged a Retrieval-Augmented Generation (RAG) architecture integrated with fine-tuned Large Language Models (LLMs) to deliver contextually grounded responses from a curated knowledge base. Implemented a full-stack application using React, Node.js, and FastAPI, with a feedback-driven improvement loop and semantic search via vector databases. Focused on usability, accessibility, and social impact, the system supports community resilience and aligns with key UN Sustainable Development Goals.

More projects available upon request.

## REFERENCES

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References available upon request.