

Mehmet Batuhan Inan

Software Engineer

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📍 Istanbul, Turkey



Education


Oct 2019 – Mar 2023
Istanbul, Turkey

Istinye University 
Software Engineering Bachelor's
3.54 GPA


Professional Experience

Oct 2023 – present **Softtech (Innovation Department)** 
Software Engineer

- Contributed to end-to-end development of **Pupilica** , a Learning Management System (**LMS**), by actively participating in both **backend** and **frontend** tasks. Employed **OpenedX** with **Tutor** for the backend, utilized **NestJS**, **Next.js**, and **Strapi** for frontend development, and integrated **PostgreSQL** for efficient database management
- Contributed to the backend development of **Lokum** , an Employee Experience and Recognition App. Utilized the **Odoo** framework with **Python** for seamless functionality and **PostgreSQL** for robust database management. Innovated features including a social media feed system and an engaging game designed for networking at events

Sep 2022 – Nov 2023 **Softtech (Commercial Credit Department)** 
Software Engineer


- Development of **Commercial Credit Application** using **Java 8** and **Spring**
- Employed testing tools such as **Junit**, **Soap UI**, and **Postman** for comprehensive application testing
- Use of **Elasticsearch**, **Kibana**, **Grafana** and **Splunk** applications while monitoring the application in test and production environments
- Managed and maintained essential data in **OracleSQL** databases
- Developing a new customer eligibility control application using **Java 11** and **Spring Boot**
- Tracing using **Jaeger**, **Instana** apps
- Utilized **Postman** and **Junit 5** for efficient application testing
- Executed development using **OpenShift** in both test and production environments


Jul 2021 – Sep 2021 **Agito Software & Consulting** 
Intern

Developed new pages for Health Insurance Software using Java in with PrimeFaces, contributing to the enhancement and expansion of the software's capabilities

Projects

Sorting Visualizer
I developed a **Sorting Visualizer** application using **Python** and **PyGame**. This interactive tool visually demonstrates various **sorting algorithms**, including bubble sort, selection sort, insertion sort, merge sort, and quicksort

Maze Generator 
I crafted a **Maze Generator** application with **PyGame** in **Python**, utilizing the **recursive backtracking algorithm** and implementing it with a stack data structure for seamless maze creation

Password Manager App 
Collaborating with two peers, we developed a **desktop application** in **C++** for a **school project**. The project incorporated **PostgreSQL** for the database and **Qt** for the graphical user interface. The application allows users to register and log in, enabling them to securely store passwords as key/value pairs with corresponding descriptions

Skills

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| <ul style="list-style-type: none">JavaElasticsearch / Kibana / Grafana / Splunk / Azure DevOps / XL Release / Jaeger / Instana / Swagger UI / Postman / Soap UIHTML/CSSNoSQL (Cassandra, MongoDB) | <ul style="list-style-type: none">Spring / Spring Boot / Spring SecurityKubernetes / OpenShiftPython (Django, Odoo, Tutor)Docker | <ul style="list-style-type: none">Hibernate / JPA / JUnit 5 / Mockito / KafkaReactSQL (Oracle SQL, PostgreSQL, MySQL)Git (Github, Gitlab, Azure) |
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Languages

English
ITEP C1

Turkish
Native

References

Ahmet Feyzi Ateş, Assistant Professor, Işık University
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Çağlar Şahinsoy, Senior Software Engineer, Türk Eximbank
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Volkan Sezgin, Senior Software Engineer, Türk Eximbank
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