

Çağlar Keskin

Software Engineer

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PROFESSIONAL EXPERIENCE

06/2023 – 08/2023
Ankara, Turkey

Software Engineering Intern

Aselsan

- Led the design and implementation of a custom software tool using **Java** to capture and analyze TCP communications. This initiative aimed to improve the department's ability to monitor and troubleshoot networked systems.

06/2022 – 08/2022
Ankara, Turkey

Software Engineering Intern

Turkish Aerospace Industry

- Spearheaded the integration of a dynamic weather forecast feature into the MMU Virtual Reality (VR) simulation using **Unreal Engine**. This addition heightened the realism and provided users with a more immersive experience.
- Designed and implemented a robust RESTful API for weather control, facilitating real-time adjustments and allowing seamless integration with external data sources.
- Worked closely with the simulation development team, ensuring that the new features were efficiently integrated, enhancing both the performance and usability of the MMU VR system.

EDUCATION

10/2020 – 09/2023
Istanbul, Turkey

Software Engineering

Bahçeşehir University

Full Scholarship / Double Major

08/2017 – 09/2023
Istanbul, Turkey

Economics

Bahçeşehir University

Full scholarship / Major

SKILLS

Java

Spring Framework (Spring Boot, Spring MVC, Spring Data JPA) | Maven | MySQL | RESTful API | Git

React

JSX | React Hooks | React Router | Material-UI & Styled Components | Axios & Fetch API | Responsive Web Design (CSS Flexbox, CSS Grid) | RESTful API | Git

PROJECTS

LearnHubb

LearnHubb is a learning platform that serves as a bridge between experts and individuals eager to learn. The project allows users to register, create profiles, and interact between two different types of users: "Experts" and "Learners."

In LearnHubb, users can register as either an expert or a learner. Experts can enhance their profile pages with areas of expertise and descriptions, indicating their readiness to guide learners. Learners, on the other hand, can set their learning goals and find suitable experts to connect with.

Technologies and Skills:

- Backend: **Java**, **Spring Boot**, **JPA/Hibernate**
- Frontend: **React**, **Material-UI**
- Database: **MySQL**
- Dependency Management: **Maven**
- Version Control: **Git**, **GitHub**
- Other Tools and Services: **Spring Security**, **RESTful API**, Authentication with JSON Web Token (**JWT**), **React Router**, **Axios**

This project represents a learning platform where users can interact with experts, enhancing their learning experiences.

REFERENCES

Murat Akkan, Lead Software Engineer, Turkish Aerospace Industry (TAI)
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