







# Aybars Altınışik

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## EXPERIENCE

### Tiga Information Technologies

Software Developer Intern

Ankara, Turkey

August 2021–September 2021

Contribute to a major health information platform;

- Design, develop, and optimize complex UI components using ReactJS.
- Implement and deploy backend services with microservices architecture pattern using; Kubernetes, Scaffold, Docker, Java Spring Boot, Maven, MongoDB.

### Logo Software Technologies

Full-Stack Software Developer / Part-Time

Ankara, Turkey

August 2020–January 2021

Contribute to a dealership organization management system for large businesses;

- Design and develop responsive single page web user interfaces for the management using Angular Framework.
- Implement endpoints in various microservices for the web application using .Net framework and PostgreSQL.
- Analyze and optimize the backend services using dotTrace profiler.

Software Developer Intern

July 2020–August 2020

Developed a movie library web application secured with OAuth 2.0 authorization protocol;

- Design and develop responsive single page web user interfaces using Angular Framework.
- Implement endpoints for the web application using .Net framework.

## EDUCATION

### Bilkent University

Bachelor of Computer Science,  
CGPA: 3.14/4.0 (Honor Student)

Turkey, Ankara

2018-2022

### Boğaziçi University

Winter Camp, Cyber/Computer Forensics and Counterterrorism

Turkey, Istanbul

2019

- Malware Analysis, reverse engineering and advanced persistent threat (APT) detection. Metasploit and Meterpreter, Buffer Overflow, Penetration Testing and Privilege Escalation.

## SKILLS

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- **Programming Languages:** Java, Javascript, Typescript, C/C++, C#, Python, HTML, CSS, SQL
- **Technologies and Frameworks:** React, NodeJS, ExpressJS, NextJS, Maven, Docker, Kubernetes, MongoDB, Android Development, Unity Game Engine
- **General Programming:** Cyber Security, Penetration Testing, Malware Analysis, Reverse Engineering, Linux

## PROJECTS

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### Recroute

**Ankara, Turkey**

Web Application + Chrome Extension

*Spring 2021–Spring 2022*

Recroute is an Enterprise Product developed for companies. Recroute Web is specialized on Applicant Tracking System (ATS) and its mission is to encapsulate all of the features that will be needed by the company in the recruitment process. Accessible from [recroute.co](https://recroute.co).

- Tech Stack (Frontend): NextJS, ReactJS, TypeScript, Redux Tool Kit, Auth0, ElasticUI, Cypress, SwaggerUI, SCSS
- Tech Stack (Backend): NodeJS, ExpressJS, TypeScript, MongoDB, Mongoose
- Designed and implemented using microservices architecture

### QuikChat

**Bilkent University**

Web Application - CS411 Software Architecture Project

*Fall 2021*

QuikChat is an Instant Messaging (IM) App representing a part of an enhanced software architecture for an IM Application. QuikChat is capable of creating different chat rooms and sending push notifications.

Accessible from [github.com/aybarsaltinisik/instant-messaging-app](https://github.com/aybarsaltinisik/instant-messaging-app).

- Tech Stack (Frontend): HTML, CSS, JavaScript
- Tech Stack (Backend): NodeJS, ExpressJS, PostgreSQL

### BookLAB

**Bilkent University**

Web Application - CS353 Database Systems Project

*Spring 2021*

BookLab is a social cataloging platform that users can track the books that they have read. Users are able to search for books by author, genre, year, etc..., mark their progress on books, rate and comment on books, create book lists, add friends and like/comment on their posts and recommend books to their friends.

Accessible from [cs353group11.github.io](https://cs353group11.github.io).

- Tech Stack (Frontend): ReactJS, TypeScript
- Tech Stack (Backend): NodeJS, ExpressJS, MySQL

## EXTRACURRICULAR ACTIVITIES

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2018-2022	<b>exploit.studio - Bilkent University Cyber Security Club, Active Member</b>	<b>Ankara, Turkey</b>
2019-2022	<b>BilkentAirsoft - Bilkent University Airsoft Club, Co-founder</b>	<b>Ankara, Turkey</b>
2016-Ongoing	<b>The CREW - Camping and Outdoor Activities Community, Co-founder</b>	<b>Ankara, Turkey</b>