

# ATA BERK YILMAZ Backend Developer

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## SUMMARY

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Recent graduate holding a degree in Computer Engineering, complemented by practical experience in backend development. Proficient in constructing robust and scalable applications, with a solid foundation in different tech stack. Successfully completed internships at Teknasyon and Jotform, where I refined my expertise in backend development. Developed a language learning mobile application as a graduation project, SpeakSphere, featuring advanced search functionality and an engaging level system. Actively involved as a member of the IEEE Student Branch Computer Society Technical Team, where I enhanced my technical and collaborative skills. Skilled in problem-solving, eager to learn, and passionate about designing efficient and effective software solutions.

## PROFESSIONAL EXPERIENCE

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### Backend Development Intern

2023/08 – 2023/09

Jotform

Istanbul, Turkey

- Learned about the operations of the company's tech team.
- Developed a REST API for the campaigns admin panel, enhancing functionality and user management.
- Implemented efficient and secure endpoints, ensuring data integrity and scalability.
- Earned skills: PHP, MySQL, Redis, Testing, RDS(remote development server), RestAPI.

### Backend Development Intern

2022/08 – 2022/09

Teknasyon

Istanbul, Turkey

- Learned about the operations of the company's tech team.
- Built a RestAPI, MVC structure and learned about the design patterns.
- Earned skills: PHP, MySQL, GitHub, Docker, RestAPIs.

## EDUCATION

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### Bachelor's Degree in Business Management

2021/09 – Present

Istanbul University

Istanbul, Turkey

- As a second university. (Open education)

### Bachelor's Degree in Computer Engineering (%100 English)

2020/09 – 2024/06

Bandirma Onyedi Eylul University

Balikesir, Turkey


## PROJECTS

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### SpeakSphere


Language Learning Mobile App

- Developed a language learning mobile app designed to enhance vocabulary and pronunciation through real-world examples.
- Technologies: React Native with Expo framework for the mobile, Java Spring Boot for API, PostgreSQL for DB, WhisperX (NLP model for speech to text recognition)

- I was responsible for the development of the API and DevOps operations.
- Codes are private in our organization because we want to publish the app.
- **Presentation Link:** <https://pitch.com/v/speaksphere-cbq3vf> 


## Technews

### News Aggregetor App

- Developed a news aggregator app to keep users updated with the latest technology news.
- Used Technologies: PHP, MySQL, Docker
- Developed a RestAPI in pure PHP with OOP from scratch.
- Authenticated some endpoints with JWT token.
- Developed a basic ui using HMTL, CSS (Bootstrap)
- Dockerized the project
- **Link:** <https://github.com/atayiilmaz/technews> 

## Atayiilmaz.github.io

### Personal Portfolio Site

- Developed for personal portfolio site
- Link: <https://github.com/atayiilmaz/atayiilmaz.github.io> 

## AWARDS

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### The Duke of Edinburgh International Award- Bronze Category

2015/05

#### The Duke of Edinburgh International Award

- Founded by His Royal Highness in 1956, The Duke of Edinburgh's Award (DofE) is widely recognised as the world's leading youth achievement award.
- A tool to develop essential skills for life and work. A recognised mark of achievement, respected by employers. The DofE is many things to many people, supporting generations to successfully navigate life.
- I was participated in Bronze Category.

## ORGANIZATIONS

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### IEEE BANU Student Branch

2023/12 – 2024/06

#### Computer Society Technical Team Member

- Algo Sprint
- IEEE Banu Website

## CERTIFICATES

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### IBM Cloud Essentials V3

- Issued by IBM

### CCNA: Introduction to Networks

- Issued by Cisco

## SKILLS

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**PHP** (Laravel) • **Java** (Spring Boot) • **HTML/CSS** •

**Javascript** (Node.js, Express.js, Nest.js, Next.js) • **Bash** • **MongoDB** • **MySQL** • **PostgreSQL** •

**Git** • **GitHub** • **Jenkins** • **Amazon EC2** • **Amazon Lambda** • **GCP** (Cloud Run, Cloud SQL) •

**Docker** • **Python** • **Linux**

## LANGUAGES

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**English** (Upper Intermediate) | **Spanish** (Beginner)