

AHMET HAKAN YILDIRIM

Software Engineer

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I began my software journey with backend technologies, developing robust service layers and microservices using Java Spring Boot and ASP.NET Core. Over time, my interest in user experience led me to the frontend world. I developed modern interfaces using React.js, Material UI, and state management frameworks, and I also created intuitive solutions on the mobile side with Swift/UIKit and React Native projects. For me, software isn't just about functionality; it's about providing experiences that add value to the user. My uniqueness lies in making complex processes simple and understandable.

EXPERIENCE

Mdp Group

08.2025 - Currently

Front End Developer Intern

- Gained hands-on experience with React.js while developing a full-featured CV project.
- Implemented state management with advanced React hooks and context structures.
- Applied Material UI components to build a modern and responsive design system.
- Integrated Formik and Yup libraries for advanced form handling and validation.
- Improved problem-solving by building scalable, reusable components and focusing on user-centered UI development.

InData Technology

05.2024 - 06.2024

Backend Developer Intern

- Standardized endpoint testing processes using Swagger and Postman.
- Developed reusable APIs by structuring service layers in ASP.NET Core.
- Reduced data access time by optimizing queries with PostgreSQL.

Sugar Technology

09.2022 - 01.2023

iOS Developer Intern

- Developed an iOS AR module by combining SwiftUI and ARKit, enabling product previews.
- Ensured high-performance 3D rendering with SceneKit and RealityKit.
- Collaborated with designers to deliver a 100% responsive UI across iPhone and iPad.
- Integrated the AR module into an e-commerce app for real-world product positioning.

Etiya

09.2022 - 01.2023

Java Developer Intern

- Built RESTful services using Spring Boot, with testing of microservices handling customer data.
- Actively participated in Agile/Scrum processes with Git and Jira.
- Contributed to high-quality code standards via code reviews.
- Developed custom interceptors to log database transactions integrated with Hibernate.

EDUCATION

Firat University
Faculty of Technology / Software Engineering / GPA: 3.22
2019-2023

PROJECTS

CV App – React Js

- Developed a web application to create, edit, and preview CV records.
- Applied React hooks, state management, and context API for efficient data handling.
- Built a responsive UI with Material UI components.
- Implemented form validation and error handling using Formik and Yup.
- Designed a two-panel layout: input forms on the left, real-time CV preview on the right.

News App – Swift UIKit

- Developed a Swift-based iOS app listing trending news.
- Used MVVM, SnapKit, Dependency Injection, Kingfisher.
- Implemented search and favorites features with a fully programmatic UI.

Spotify Clone – React Js

- Developed a Spotify-like music streaming web app with React, Vite, and Redux Toolkit, enabling dynamic playlist and track management.
- Integrated external APIs with proxy configuration to fetch real-time music data while resolving CORS issues for smooth client–server communication.
- Designed an interactive UI with Material UI and TanStack Table, featuring filtering, sorting, and pagination for an intuitive user experience.

RequestResponseMiddleware – ASP.NET Core

- Developed a reusable middleware NuGet package to log requests/responses.
- Simplified debugging and analysis while adhering to SOLID principles.
- Total Downloads: 237.

Product Microservice – Java Spring Boot

- Built a scalable product service in Spring Boot using Microservices Architecture.
- Implemented CRUD with JPA, DTO, MapStruct, Validation, MySQL.
- Documented with Swagger UI, tested via Postman.

Podcast App – Swift UIKit

- Developed a podcast application with UIKit, CoreData, iTunes API.
- Implemented search, offline downloads, and favorites.
- Used Alamofire, FeedKit, Kingfisher for networking and caching.

HARD SKILLS

- **Frontend:** JavaScript, React, Next Js, TypeScript
- **Backend:** ASP.NET Core, Java Spring Boot, Node Js
- **Mobile:** Swift (UIKit – SwiftUI)
- **Databases:** SQL, PostgreSQL, MySQL
- **Tools:** Git, Jira, Postman, Swagger