

Başak Tepe *Software Developer - Computer Engineer*

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📍 Pendik, Istanbul

🌐 basaktepe

🔗 basaktepe

🌐 website

Profile

- Computer Engineering graduate with a strong foundation in **full-stack development**
- Built modern web applications using **React, TypeScript, Redux Toolkit, Material UI, and Tailwind CSS**
- Developed strong skills in UI development, state management, and reusable component design
- Gained backend development experience with **Spring Boot, SQL, Firebase, and RESTful APIs**
- Continuously improving backend skills to strengthen full-stack development capabilities
- Enjoy working in **team environments, contributing with an organized, analytical, and solution-oriented mindset**

Education

Ege University, B.Sc. in Computer Engineering
GPA: 3,11

2021 – 2025 | Izmir, Turkey

Work Experience

Software Development Intern, Otokoç Otomotiv

Feb 2026 – Present | İstanbul

- Developed user interfaces using **React.js** and **TypeScript**, building modular, reusable, and responsive components
- Contributed to a web platform built with a **microfrontend architecture**, supporting independent and scalable frontend modules
- Collaborated with cross-functional teams within an **Agile environment** to ensure smooth integration and high code quality
- Improved frontend architecture by following best practices and maintaining consistency across microfrontend structures
- Actively participated in sprint processes, including **development, reviews, and team coordination**
- Prepared and shared regular **sprint updates** to enhance transparency and alignment across teams

Software Development Intern, VBT Yazılım A.Ş.

Jun 2024 – Aug 2024

- Developed frontend skills using **JavaScript and Angular**, focusing on component-based architecture and dynamic UI development
- Acquired backend development experience with **.NET Core**, understanding API design and server-side logic
- Built a strong foundation in **SQL Server**, working on database design, queries, and data management

Technical Skills / Tools

JavaScript, TypeScript, React.js, SQL, Java Spring Boot, Firebase, Git

Certificates

Intermediate SQL (DataCamp) 🔗

Teknolojide Güvenlik Akademisi 2026 | 201 Modül Sertifikası (UP School)

Teknolojide Güvenlik Akademisi 2026 | 101 Modül Sertifikası (UP School) 🔗

Hackerrank JavaScript (Intermediate) 🔗

Hi-Kod Online Atölyesi Veri Bilimi (Kodluyoruz) 🔗

Introduction to SQL (DataCamp) 🔗

Languages

English — B2, **Turkish** — Native

Volunteer Experience

KodlaOren 🔗

Apr 2023 – Jul 2023 | İzmir

Taught basic programming concepts to **elementary and middle-school students**, introducing them to computational thinking and algorithmic logic.

Projects

Personal Website & Admin Panel 🔗

Built a modern personal portfolio website using **React, TypeScript, and Vite**, with a public site and a protected admin panel. Integrated **Firebase Authentication, Firestore, and Storage** for dynamic profile, CV, and project management. Implemented secure admin-only routing, global state management with **React Context API**, and **dark/light theme support** using **TailwindCSS and shadcn/ui**.

Bitcoin LSTM Price Prediction System (Graduation Project)

Developed a **Python-based LSTM model using PyTorch** to predict Bitcoin price movements with a teammate. Integrated **TA-Lib technical indicators**, processed **order-book and market data from LakeAPI**, and stored features in **SQLite**. Trained and evaluated the model on **Google Colab** using high-resolution, multi-time-frame data.

Medical Appointment System

Created a **Java Spring Boot** application with **Thymeleaf** for appointment and patient management. Implemented **role-based access control** for doctors and patients, ensured **real-time scheduling with conflict checking**, and stored all data in **MySQL** via JPA. Designed minimal frontend interfaces and managed doctor-patient interactions such as appointment approvals and medical notes.

E-Commerce Platform

Built a **React.js** application with **Redux Toolkit** for optimized state management of cart, products, and users. Implemented **React Router** for smooth page navigation and **Material-UI (MUI)** with custom CSS for a responsive, professional UI.