

Talha Esinti

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Istanbul/Turkey

About

I am a **Frontend & Full-Stack Developer** with **3+ years of experience**, specializing in **React, Next.js, and React Native**, with a strong focus on **scalable, high-performance web and mobile applications**. I have contributed to **enterprise and startup projects**, including developing a brochure management platform for **Migros** and architecting mobile applications from scratch. My expertise spans performance **optimization, UI/UX enhancements, and API integrations**, ensuring both **maintainable codebases and efficient development workflows**.

Education

Istanbul Technical University (#1 ranked engineering university in Turkey)

Sarıyer, İstanbul

Bachelor's Degree in Mathematics Engineering. **GPA: 2.89/4**

2020 – Expected Graduation: 2025

Relevant Coursework: Mathematical Modeling and Optimization, Cryptography and Security, Algorithms and Data Structures, Linear Algebra, Discrete Mathematics, Numerical Analysis, Probability and Statistics.

Experience

Optdcom

İstanbul, Turkey

Frontend Developer

February 2024 – February 2025

- **Led the development** of a React-based brochure management platform for **Migros** (Turkey's largest supermarket chain), integrating **RBAC and workflow automation**, *accelerating approval processes by 30%* and enhancing team collaboration.
- Architected a component-based frontend system, developing **scalable admin panels** and modular UI components, *improving responsiveness by 25%* and reducing load times.
- Refined **API interactions**, collaborating with backend teams to boost data retrieval efficiency, *reducing redundant API calls* and ensuring *seamless performance*.
- Actively contributed to product development, providing technical insights and feature ideas, shaping **workflow automation and UI/UX enhancements** for a large-scale enterprise system.

Memoria Bilişim ve Medya A.Ş

İstanbul, Turkey

Full Stack Developer / Mobile Developer

February 2023 – February 2024

- **Designed and built** a mobile application from scratch using **React Native**, shaping its **initial architecture and core functionalities**.
- **Optimized RESTful API integrations** and structured data workflows, *reducing API response times by 25%* and ensuring *seamless cross-platform performance*.
- Implemented **efficient state management** strategies, *enhancing app scalability* and *reducing load times by 30%*.
- Designed and built **modular UI components**, improving navigation flow and *boosting user engagement by 20%*.

Istanbul Technical University

İstanbul, Turkey

Undergraduate Research Intern

June 2022 – November 2022

- Conducted research on **homomorphic encryption** under the guidance of **algebra and discrete mathematics professors**, focusing on **mathematical modeling** and cryptographic applications.
- Contributed to the development of a **Python library** prototype for encryption and explored foundational algebraic concepts.
- Gained hands-on experience in **collaborative research**, enhancing technical and problem-solving skills in cryptographic methodologies.

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Quants - Risk Analytics Company

Istanbul, Turkey

Data Analyst Intern

June 2022 – November 2022

- Prepared and cleaned datasets for utilization in various **data analysis libraries** to ensure data accuracy and reliability.
- Performed **data manipulation** using fundamental **SQL** commands, improving data consistency and accessibility.
- Extracted meaningful insights from structured datasets, supporting foundational **risk analysis** and decision-making processes.

Projects

Personal Portfolio Website

- Designed and developed a modern portfolio website using **Next.js** and **TypeScript**, implementing *clean architecture and type safety*.
- Created a responsive and **animated UI** with **Tailwind CSS** and **Framer Motion**, ensuring *smooth transitions and optimal viewing experience* across all devices.
- Implemented **multilingual support** (English/Turkish) with *context-based language switching* and optimized content management.
- **Links:** [GitHub](#) | [Live Website](#)

Dynamic and Responsive Tourism Website (*Freelance Project – Built from Scratch*)

- Developed a fully responsive and dynamic tourism website using **Next.js & Django**, ensuring **seamless UI-backend integration**.
- **Optimized SEO and performance**, implementing **server-side rendering (SSR)**, **caching**, and **image compression**, achieving **90+ scores on Google Lighthouse**.
- **Designed and deployed** a scalable backend architecture with **PostgreSQL**, integrating *efficient data management* and **API documentation (Swagger)**.
- Deployed on DigitalOcean with **CI/CD** pipelines, ensuring high availability and seamless updates.
- **Links:** [GitHub \(Frontend\)](#) | [GitHub \(Backend\)](#) | [Live Website](#)

Modern Business Website with Admin Panel (*Freelance Project*)

- Developed a fully responsive business website using **Next.js**, featuring a **custom admin panel** for seamless content management.
- **Designed a component-based architecture**, ensuring **scalability**, **maintainability**, and efficient UI updates.
- Implemented **server-side rendering (SSR)** and PostgreSQL backend, optimizing performance, SEO, and data efficiency.

Prediction with Neural Network on MATLAB (*School Project*)

- Developed a **basic neural network model** in MATLAB for **financial exchange rate forecasting**, applying fundamental **machine learning** techniques.
- Processed and prepared financial data, ensuring **clean and structured inputs** for training.
- Tested model performance and **analyzed prediction accuracy** to understand key factors affecting results.
- **Links:** [GitHub](#)

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Skills & Interests

Programming Languages: JavaScript, TypeScript, Python, C/C++, MATLAB

Frontend Development: React.js, Next.js, React Native, Tailwind CSS, Redux

Backend & Databases: Django, PostgreSQL, SQL, REST APIs

DevOps & Deployment: CI/CD Pipelines, DigitalOcean, Vercel, Server Management

Security & API Design: REST API Architecture, Authentication (JWT & Session-Based), Web Security (CORS, CSRF, XSS Protection)

Development Tools: Git, Postman, Chrome DevTools

Testing & Performance: API Testing, Debugging & Error Handling, Performance Optimization

Specializations: Full-Stack Web Development, Mobile App Development, UI/UX Optimization, Server-Side Rendering (SSR), Scalable & High-Performance Systems

Academic & Research: Mathematical Modeling, Cryptography Fundamentals, Data Analysis & Risk Modeling

Interests: Cinema (Directing & Storytelling), Chess (Strategic Thinking & Problem Solving), Football & Basketball (Strategy & Team Dynamics), Startup Ecosystem

Languages: Turkish (Native), English (Full Professional Proficiency)

References