

Fatih Tasdemir | Full Stack & Mobile Engineer

Istanbul, Türkiye

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Summary

Software Engineer with 8+ years of experience, capable of independently architecting and delivering enterprise-level, battle-tested software solutions. Deep expertise in **React**, **React Native**, and **JavaScript**, complemented by strong proficiency in **TypeScript**, **Node.js**, and **Python**. Leverage rigorous **Clean Code** principles and **SOLID** design patterns to build maintainable, scalable systems. Proven track record of engineering high-performance platforms from scratch—including real-time financial trading ecosystems—while adhering to industry best practices in TDD, security, and cloud infrastructure. Experienced in collaborating with cross-functional teams to deliver high-quality products.

Technical Skills

- **Languages:** JavaScript (ES6+), TypeScript, Python, Java.
- **Frontend & Mobile:** React Native, React 19, Next.js 15, Redux Toolkit, Vite, React Spring, Vanilla CSS, Tailwind.
- **Backend & Cloud:** Node.js, FastAPI, Firebase (App Hosting, Auth, Firestore), WebSockets, Docker, Redis, MongoDB.
- **Tools & DevOps:** Git, CI/CD (GitHub Actions/Bitrise), Sentry, Hotjar, Jira, Scrum/Kanban.
- **Testing:** Jest, Mocha, Unit Testing, TDD.

Indie Hacking & Entrepreneurship

Traider – AI-Powered Social Trading Platform

[traider.social](#)

Founder & Full Stack Engineer | Next.js 15, React 19, FastAPI, Firebase

Current

- Designed a scalable social trading ecosystem where AI agents execute autonomous strategies (currently in **private backtesting**).
- **Frontend:** Built a responsive Next.js 15 application using React 19 and Redux Toolkit, featuring a **waitlist subscription system** for the public onboarding page. Configured production deployments via Firebase App Hosting.
- **Backend:** Architected a high-concurrency FastAPI gateway and WebSocket server, building the entire backend codebase using a strict **Test-Driven Development (TDD)** approach. Implemented a non-blocking event bus to process real-time Telegram signals and media analysis.
- **DevOps & Quality:** Managed Firebase infrastructure, configured DNS/SSL, and integrated Sentry for full-stack error monitoring.
- **Key Features:** Real-time trade signal broadcasting (WebSockets), secure JWT authentication, and automated AI confidence scoring loops.

Lighter Coin Official Website

[lighter-coin.com](#)

Creator & Developer | React 19, Vite, React Spring, i18n

Completed

- Developed a high-performance, interactive storytelling landing page for the \$LIGHTER cryptocurrency ecosystem.
- Engineered a custom scroll-based animation system using React Spring, featuring a dynamic timeline with interactive elements.
- Implemented full internationalization (i18n) for English and Turkish, ensuring seamless language switching.
- Integrated Sentry for error monitoring and Hotjar for user behavior analytics to optimize UX/UI.

Langton's Ant Simulation

[tsdmrft-langtons-ant.netlify.app](#)

Creator & Developer | React, TypeScript, Node.js, WebSockets

Completed

- Developed a real-time multiplayer implementation of Langton's Ant, enabling users to collaboratively explore cellular automaton patterns on a shared grid.
- Deployed the responsive React frontend on Netlify, featuring a high-performance Canvas rendering engine for smooth 60fps animations.
- Architected a custom Node.js WebSocket backend to handle bidirectional communication and synchronize game state across clients.
- Designed a flexible rule configuration system, allowing users to define custom ant behaviors and modify simulation parameters in real-time.

Professional Experience

Combiine

React Native Developer

United Kingdom (Remote)

11/2020–Present

- Spearheaded the end-to-end development of white-label mobile applications, including: **MOVE by Fleet Operations** ([Android](#) | [iOS](#)), **MOVE by Traxall UK** ([Android](#) | [iOS](#)), **Traxall Germany** ([Android](#) | [iOS](#)), and **Combiine** ([Android](#) | [iOS](#)).
- Architecting scalable, modular codebases with **multi-language** support, optimized for maintainability and high performance.
- Improving feature delivery speed by 20% through active contribution to sprint planning and product discussions.
- Reducing app load times and memory usage via rigorous performance profiling and optimization.
- Integrating CI/CD pipelines for streamlined delivery to both iOS and Android platforms.

EvdekiBakicim.com

Mobile Application Developer

Istanbul, Türkiye

10/2017–03/2020

- Developed and maintained two flagship applications: **EvdekiBakicim** ([Android APK](#)) and **EvdekiBakicim Kurumsal** ([Android APK](#)).
- Created a shared Redux-based module to standardize state management across multiple apps.
- Built custom Native Modules to address hardware-specific requirements and improve integration.
- Designed CI/CD pipelines to automate build/distribution, significantly reducing deployment time.

Open Source

react-native-steve

github.com/tsdmrftth/react-native-steve

Author & Maintainer | React Native, JavaScript, NPM

Active

- Authored and maintained a high-performance **Clubhouse-style staggered grid** animation component (Masonry Layout) for React Native.
- Designed a declarative, developer-friendly API with full **TypeScript** support and type definitions.
- Implemented efficient rendering logic to ensure 60fps performance on both iOS and Android devices.
- Configured automated CI/CD pipelines for semantic versioning, testing, and streamlined package releases.

Freelance & Additional Projects

Getlug: Global zero-commission platform connecting travelers for package delivery and local support (interpretation, business visits). [Android](#) | [iOS](#)

LookingForCarPark: Real-time parking finder. [Android](#) | [iOS](#)

Kader Kahini: Coffee fortune app. [Android APK](#)

ÇekiciÇağır: Roadside assistance service. [iOS](#)

Education & Certifications

Istanbul Aydin University

BS, Software Engineering

Istanbul

2017–Current

Courses: React Native (Udemy), NodeJS (Udemy), Docker-Kubernetes Guide, Java & Android (Bilge Adam)