

Erinç Tuna Polat

Senior React Native Developer | Mobile and Frontend Engineer

Ankara, Türkiye | erinc.polat@gmail.com | erincpolat.com | LinkedIn | GitHub

PROFESSIONAL SUMMARY

Senior software developer specializing in React Native, TypeScript and cross-platform mobile applications. Experienced in building airline booking and payment journeys, B2B SaaS products, IoT-integrated systems and production infrastructure. Currently leads customer-facing mobile features for a European airline application within a large cross-functional delivery program.

CORE SKILLS

Mobile and Frontend: TypeScript, JavaScript, React Native, Expo, React, Next.js, HTML5, CSS3

Backend and Data: Node.js, REST API integrations, MongoDB, PostgreSQL, Redis, SQLite

DevOps and Tools: Docker, Docker Compose, GitHub Actions, CI/CD, Nginx, Traefik, Git, Postman

PROFESSIONAL EXPERIENCE

Senior Software Developer - Frontend and Mobile

Nov 2024 - Present

Adesso Türkiye (adesso SE)

- Shipped customer-facing features for a production European airline application recording up to approximately 50,000 downloads per month, contributing to weekly iOS and Android releases within a 15-person product team and a 180-person cross-functional program.
- Owned and delivered the end-to-end native booking journey with bare React Native and TypeScript, covering passenger and billing details, payment selection, SEPA and bank-transfer payments, Checkout API user actions, order polling, booking confirmation, and an Optimizely-controlled production rollout using Redux and React Query.
- Owned and shipped API-driven last-minute deals, flight-offer landing pages, destination discovery, and interactive map experiences, supporting multiple offer sources, airport-based filtering, localized content and currencies, loading and error states, and master-data-backed airport and continent mapping.

Full-Stack Software Developer

Oct 2020 - Nov 2024

SV Gebäudeautomation GmbH | Darmstadt, Germany

- Architected and delivered multiple customer-specific production access-management platforms built with React, Node.js, MongoDB, and EVVA AirKey, supporting more than 3,000 users and 300 connected locks across construction sites, secured containers, project-planning workflows, and other controlled-access environments.
- Led engineering teams ranging from 3 to 10 contributors, translating customer requirements into system architecture and delivery plans while owning server provisioning, build and deployment pipelines, and production operations.
- Built and deployed an end-to-end IP-camera surveillance platform that remains in production across more than 50 locations and 200 cameras, delivering real-time monitoring and recorded-footage access through Dahua and Instar integrations.
- Designed and developed Quartiers end to end, a React Native and Expo resident application integrating smart-home devices and sensors, access control, health and security services, resident notifications, and service-provider workflows; also built its Node.js microservices, containerized them with Docker, and owned store submission and OTA update workflows.

Freelance Software Developer | Independent Contract Work

Feb 2018 - Nov 2024

Selected web, mobile, IoT and CMS projects

- Designed and built [Jourlay](#) end to end, a production multilingual accommodation and booking platform supporting more than 700 listings, with a Next.js frontend, a custom Payload CMS backend, PostgreSQL, Redis, dynamic pricing, availability management, and customer reservation flows.
- Implemented Jourlay's credit-card and installment payment workflows, customer accounts and reservation retrieval, Cloudflare Images-backed media pipeline, and containerized production infrastructure.

FREELANCE PROJECTS CONTINUED

- Designed and developed the [Actio Events](#) mobile application end to end using React Native, Expo, and TypeScript; the production platform has been used across more than 100 events and has supported events with up to 4,000 attendees.
- Delivered Actio's event discovery and registration, QR-based attendee check-in, surveys, media-rich posts, push and local notifications, bilingual support, and offline functionality backed by SQLite, while managing application monitoring and release workflows with Sentry and EAS.
- Designed and developed the FitNLit mobile application from the ground up using React Native, Expo, and TypeScript, owning the complete UI/UX and mobile implementation across video-guided workouts, training and nutrition programs, progress and body-measurement tracking, personalized goals, push notifications, and in-app purchases.
- Designed and developed UBilly for a Canadian technology company, delivering a contactless digital-receipt application with React Native and Expo that enabled customers to receive, organize, filter, and analyze receipts through a unique digital inbox and QR/barcode identity; also designed and integrated its serverless AWS infrastructure using Cognito, DynamoDB, and S3.

EARLIER EXPERIENCE

Software Engineering Intern

Aug 2020 - Sep 2020

Türk Telekom | Ankara, Türkiye

- Contributed market and technology research for customer-service channels and provided architectural support for the Yaay social media application.

Software Engineering Intern

Jul 2020 - Aug 2020

HAVELSAN | Ankara, Türkiye

- Developed a full-stack application for Turkish State Railways to order, track and modify carriage requests with SAP ABAP.

Software Engineering Intern

Aug 2019 - Sep 2019

BELSİS | Ankara, Türkiye

- Built a GIS web application using PostgreSQL, .NET, C#, jQuery, OpenLayers and GeoServer to serve maps, draw vector data and store parcel information.

EDUCATION

BSc in Computer Engineering

2017 - 2022

TED University | Ankara, Türkiye

Secondary Field in Psychology, TED University | 2018 - 2022

LANGUAGES

Turkish Native | **English** Fluent