Muhammad Salek

Senior Frontend Developer

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Summary

Senior Frontend Developer with 5+ years' experience delivering high-performance React and React Native apps. Proven ability to modernize legacy codebases, lead frontend architecture, and mentor teams across EdTech and analytics platforms.

- Experienced in client-side and mobile development using **React.js**, **React Native**, and **Next.js**.
- Skilled in working with **GraphQL**, **RESTful APIs**, and state management libraries like **Redux**.
- Familiar with tools and frameworks such as **Webpack**, **Tailwind CSS**, **Jest**, and **React Testing Library**.
- Experienced in frontend performance tuning and technical **SEO** using **Google Lighthouse**, **PageSpeed Insights**, and **GTmetrix**.
- Experience with API design and **RESTfull API** development, specifically using **Swagger**.
- Experience with cloud platforms such as **Azure**.
- Knowledge of backend technologies like **Node.js** and **MongoDB**.
- Published an open-source Persian **calendar picker** on **npm** with 100+ downloads.
- Familiar with **CI/CD** and **Docker**.

EXPERIENCE

Senior React Native Developer   **Gonbad Kabood** (EdTech startup) | Remote   Mar 2025 - Present

Started part-time alongside Charsoq, transitioned to full-time

- Built an interactive book feature syncing voice and text for 1000+ daily active users.
- Integrated a Unity-based educational game into the React Native application.
- Implemented a child-friendly dictionary feature that lets kids tap on keywords to see simple meanings, supporting early vocabulary development.
- Prepared the app for public launch — currently in beta testing; scheduled for release on August 10 on CafeBazaar.
- Developed child profile support, allowing parents to manage multiple kids.
- Created a CMS panel in Next.js to manage book content.
- Implemented flip animations for realistic page-turning effects.
- Wrote unit and integration tests; debugged complex cross-platform issues to ensure smooth performance across devices.
- Mentored 2 junior developers and reviewed pull requests to maintain code quality and best practices.

Senior Frontend Developer   **Charsoq** (Business Intelligence & Marketing Analytics) | Remote   Mar 2024 - Mar 2025

- Led frontend strategy for the launch of a new platform using Next.js 14.
- Built a custom Jalali date picker and advanced form system to support localized data collection.
- Identified and fixed a critical Android performance issue that caused slowdowns and crashes; improved app speed by 60%.
- Resolved Realm DB issues, enhancing offline functionality and boosting performance by 30%.
- Developed the iOS version of the mobile app from scratch.
- Enabled offline access and background location tracking for MedReps (field agents in the pharmacy industry), ensuring GPS data was reliably captured without the internet.
- Mentored 2 junior frontend developers by reviewing code, guiding architecture decisions, and promoting best practices across web and mobile projects.

Senior Frontend Developer **Igloovy** (EdTech platform, Canada) | Remote Feb 2023 - Mar 2024
- Built the entire frontend from scratch using Next.js and Tailwind CSS.
- Integrated GraphQL and Apollo Client for efficient, scalable data management.
- Created a hexagonal map feature to visualize virtual land ownership.
- Developed a bitwise-powered permissions dashboard to manage access control.
- Built a Twitter-like social feed with recursive comment rendering.
- Implemented real-time chat and direct messaging features for student interaction.
- Developed an online whiteboard, increasing student engagement time by 25%.
- Built a custom teacher dashboard to manage courses, students, and virtual classrooms.

Frontend Developer **Fanap Plus** (AI-powered adaptive learning platforms – Iran) | Hybrid Aug 2022 - Feb 2023
- Led the launch of Gerehverse, an adaptive learning platform with personalized content journeys.
- Built a Progressive Web App (PWA) and Trusted Web Activity (TWA) for improved mobile access and Android Play Store distribution.
- Implemented adaptive learning logic with a "journey pass" system to track user progress.
- Integrated push notification support to enhance engagement and reactivation.
- Merged the main web app and Unity game into a single React Native application, simplifying the mobile experience and reducing maintenance overhead.

Frontend Developer **Antbuildz** (Singapore's Largest B2B Equipment Rental Platform) | Remote Feb 2022 - Aug 2022
- Led the redesign of the entire website to improve UI consistency and user experience.
- Migrated the platform from React to Next.js, Boosted Lighthouse performance score from 68 to 94 by optimizing bundle sizes and lazy loading critical resources.
- Implemented multi-language support to serve a broader regional audience.
- Added installment payment options for partners to improve platform accessibility.
- Designed and built a responsive mega menu for easier navigation across complex product categories.

Frontend Developer **BoldZee** (CTO-led agency building software for businesses) | Remote Aug 2020 - Feb 2022
- Built **Didex**, a cryptocurrency exchange platform with secure and scalable frontend architecture.
- Released **Joy**, a life-planning and habit-tracking mobile app, now available on the App Store.
- Contributed to both mobile and web development using React, React Native, and Next.js.
- Collaborated closely with backend and product teams to deliver production-ready features across multiple projects

PROJECTS

Persian Calendar Picker (React Native)

Published and maintained a custom Jalali date picker as an npm package, designed specifically for Android where existing libraries lacked RTL support.

- Implemented a smooth, scrollable wheel picker with custom Farsi font and localization.
- Reached 100+ downloads in the first month.
  📦 npmjs.com/package/react-native-android-persian-wheel-picker

AI-Powered Cooking Bot (Telegram)

Developed a Telegram bot that provides personalized cooking recipes using AI-generated content.

- Built with Node.js and MongoDB, supporting real-time interaction and language filtering.
- Users can request daily recipes by ingredient or cuisine; AI generates steps and tips dynamically.
- Designed with a clean conversational flow and safe content guardrails.

Yobiti Website Builder *(Estonia, Remote)*

Built a no-code, drag-and-drop website builder using Next.js — developed fully from scratch without using third-party builder libraries.

- Developed two separate dashboards: one for end users (customers), another for Yobiti admins.
- Implemented features like real-time editing, publish preview, Stripe payments, and a ticketing system.
- Platform designed to support multi-tenant usage and flexible theme creation.

Meerkat Learning App *(Iran)*

A React Native mobile app for adaptive learning, designed for students aged 12–16.

- Built a "determination quiz" to assess student level and generate a personalized learning journey.
- Implemented gamified progression with adaptive content flow and user leagues.
- The app is currently in development and planned for beta testing.

SKILLS

Architecture

MVVM, MVC, Flux, Micro Frontend, Observer Pattern

Frameworks

React, React Native, Next.js,

State Management

Redux, Tanstack(React Query)

Testing

Jest, Cypress, React Testing Library

Languages & tools

Javascript, Typescript, Node.js, Graphql

DevOps & Tools

Docker, CI/CD, Azure

Education

Bachelor of Science in Petroleum Engineering - SRBIAU   2014 – 2018