

Alireza Rahimapanah

Full-Stack Software Engineer | React / Next.js | TypeScript | Python (Django)

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PROFESSIONAL SUMMARY

Full-Stack Software Engineer with 2+ years of hands-on experience building performant web applications, distributed edge systems, and responsive frontends. Creator and lead engineer of the EPD community platform (Next.js, Cloudflare Pages & D1 edge SQLite, Telegram Bot integration), serving weekly event operations with sub-50ms latency. Proficient in TypeScript and Python across modern frontend frameworks (React, Next.js, Vite, Tailwind CSS) and backend services (Django, RESTful APIs). Passionate about writing clean, modular code, optimizing web performance, and delivering robust user experiences. Pursuing a B.S. in Computer Engineering at University of Birjand.

TECHNICAL SKILLS

Languages:	TypeScript, JavaScript (ES6+), Python, SQL, HTML5, CSS3 / SASS
Frontend:	React (18/19), Next.js (App & Pages Router), Vite, Tailwind CSS, Chakra UI, shadcn/ui, Context API, Redux Toolkit
Backend & Databases:	Python, Django, Django REST Framework, Node.js, Cloudflare D1 (SQLite), PostgreSQL, SQLite, RESTful APIs, WebSockets
Cloud & Serverless:	Cloudflare (Pages, Workers, D1 SQL, KV), Vercel, Docker, Git, GitHub Actions, CI/CD, Edge Compute
Tools & Practices:	Git/GitHub, Postman, Linux/Bash, REST APIs, Agile/Scrum, Web Performance Optimization, Core Web Vitals

PROFESSIONAL EXPERIENCE

Full-Stack Software Engineer — EPD Community

Remote · 2024 – Present

Next.js · Cloudflare Pages · Cloudflare D1 · SQLite · Tailwind CSS · Telegram Bot API · Edge Functions

- Architected and deployed the production web platform (epdcommunity.ir), delivering sub-50ms response times globally by utilizing Cloudflare Pages and distributed D1 edge SQLite.
- Engineered serverless backend endpoints handling registration workflows, event ticketing, and payment callback webhooks with strict transactional consistency.
- Implemented bidirectional Telegram Bot automation integrating webhook verification for instant attendee check-in and automated event ticket dispatches.
- Built accessible, responsive UI with custom typography and state management, achieving 98+ scores across Core Web Vitals performance benchmarks.

Full-Stack Engineer — Pipeline Risk Assessment Systems

Remote · 2024 – 2025

Next.js · TypeScript · Python · Django · PostgreSQL · Tailwind CSS · RESTful APIs

- Developed an interactive enterprise engineering dashboard for utility infrastructure risk evaluation, translating multi-factor mathematical models into real-time visual charts and data grids.
- Engineered modular Next.js data tables, dynamic chart filters, and computation grids handling telemetry records with zero client-side latency.
- Built performant RESTful API endpoints using Django REST Framework and PostgreSQL, optimizing database queries for multi-variable risk calculations.

Frontend & Web Development Intern — ACECR (Academic Center for Education & Research)

Remote · Dec 2023 – Aug 2024

React · JavaScript · Bootstrap · REST APIs · Git · Postman

- Built responsive user interfaces and interactive web components, resolving cross-browser inconsistencies and enhancing mobile UX for educational portals.
- Integrated RESTful endpoints via Axios with defensive error boundaries, loading skeletons, and efficient state synchronization.
- Participated in agile sprints, code reviews, and Git/GitHub version control workflows to deliver features on schedule.

KEY PROJECTS

Game Hub — Video Game Discovery Web Application

React 19 · TypeScript · Vite · Chakra UI · REST API · 2024 – 2025

React 19 · TypeScript · Vite · Chakra UI · Axios · Framer Motion · RAWG REST API

- Engineered a responsive game catalog application consuming the RAWG REST API with multi-criteria filtering by genre, platform, and critic scores.
- Built generic data-fetching custom hooks (useData) with request cancellation and defensive error handling, eliminating redundant re-renders.
- Implemented skeleton loading states, dark/light theme switching, and smooth animations using Chakra UI and Framer Motion.

Algorithmic Trading Bot Management Dashboard

Django · Python · Bootstrap · REST APIs · WebSockets · 2024

Django · Python · Bootstrap 5 · HTML5/CSS3 · RESTful APIs · Real-Time Events

- Built a multi-view management dashboard for automated cryptocurrency trading algorithms, enabling live monitoring of strategy health and trade executions.
- Designed real-time event logs, system parameter configuration forms, and operational alert views with input sanitization and error feedback.

EDUCATION

Bachelor of Science in Computer Engineering — University of Birjand

2023 – 2027 (Expected)

Core Coursework: Data Structures & Algorithms, Database Design, Operating Systems, Computer Networks, Software Engineering