

# Mohammed Gahelrasoul

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## SUMMARY

Frontend engineer with 5+ years building large-scale cross-platform (web, mobile, desktop) TypeScript + React applications. Skilled in real-time communication, client telemetry, and performance optimization (LCP/FCP). Collaborates with design and product partners to deliver scalable, reliable, and high-velocity frontend releases.

## TECHNICAL SKILLS

**Frontend:** React, React Native, Redux, TypeScript, JavaScript, Next.js, HTML, CSS, Tailwind

**Backend:** GraphQL, Apollo Client, Node, Express, REST APIs, Python, FastAPI

**Tools:** Git, Jira, Figma, Webpack, Vite, Jest, Matomo, Expo

**DB/DevOps:** PostgreSQL, MongoDB, Firebase, AWS, GCP, Docker

## EXPERIENCE

### Founding Frontend Engineer

Mar. 2025 – Present

Remote

*GRMS Technologies*

- Architected and built a React Native (Expo) mobile app with FastAPI/Postgres backend; implemented authentication, realtime messaging, media uploads, and client-side caching for offline resilience.
- Built CI/CD pipelines and release monitoring to track client error rates and feature adoption pre/post release.
- Optimized device memory usage and framerate for consistent cross-platform performance.

### Frontend Engineer II

Feb. 2024 – Feb. 2025

Bethesda, MD

*Invincible GG*

- Developed React/Redux e-commerce application serving 15k+ users, achieving 98% cross-browser compatibility.
- Boosted conversion rates 18% through responsive design overhaul and mobile-first implementation.
- Reduced content update latency by 50% via custom CMS dashboard implementation.
- Improved LCP scores by 40% through bundle optimization and lazy loading techniques.
- Integrated Matomo analytics to track 25+ user events, informing retention-focused feature development.
- Designed and implemented real-time leaderboard for mobile game, displaying live player rankings and event stats.

### Manager

Jan. 2023 – Feb. 2024

Rockville, MD

*Kumon Institute Education*

- Led a team of 11 instructors while maintaining technical skills through independent React projects.
- Analyzed learning process to identify areas for improvement, resulting in a 10% increase in assessment scores.
- Introduced online learning through a mobile app, reducing planning and grading time by 6+ hours per week.

### Frontend Engineer (Product)

May 2022 – Jan. 2023

Germantown, MD

*Finding Farmers*

- Increased user engagement 25% by integrating Google Maps API with React-Query for data caching.
- Migrated legacy JavaScript codebase to TypeScript, reducing production bugs by 30%.
- Designed reusable React components library adopted across 3 product teams.

### Frontend Engineer

Nov. 2021 – May 2022

New York, NY

*Kalo Technologies*

- Optimized React component performance, reducing average FCP from 2.1s to 1.3s through memoization.
- Implemented atomic design system increasing UI development speed by 25%.

### Freelance Engineer (Contract)

Jan. 2021 - Nov. 2021

Remote

*Self-Employed*

- Delivered 15+ React web apps, widgets, and plugins with custom CSS animations and interactive overlays.
- Partnered with clients to translate business goals into technical specs, delivering user-centric interfaces that reduced client revision cycles by 40% through iterative feedback workshops.

### Systems & Operations

Feb. 2019 – April 2021

Chevy Chase, MD

*GEICO*

- Improved internal CMS processes used by 60k+ agents, reducing average call resolution by 2 minutes; achieved 93% first-contact resolution for technical incidents.
- Led imaging/configuration for 6k+ machines to migrate to Windows 10, reducing known security vulnerabilities.

## EDUCATION

### University of Maryland Global Campus

Adelphi, MD

*BS Computer Science*

### Montgomery College

Rockville, MD

*AS General Studies - STEM*