



# VIKASH RAJPUROHIT

REACT NATIVE DEVELOPER | MOBILE &  
BACKEND INTEGRATION | PERFORMANCE  
OPTIMIZATION



## CONTACTS



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Surat, India (Relocating to  
bangalore - Immediate joiner)



## KEY ACHIEVEMENTS

### ● Performance Optimization

Achieved a 30% reduction in app loading times using TypeScript for improved performance optimization.

### ● Efficiency Improvement

Improved operational efficiency by 24x by implementing Expo SDK for optimized workflows.

### ● Feature Development

Developed 10 scalable features using TypeScript within a year for enhanced user engagement.



## SKILLS

### Programming Languages

JavaScript · TypeScript · Python ·  
ANTD · React Router · Redux Toolkit ·  
Redux · REST · Git · ESLint · Animation ·  
Tailwind · RESTful APIs

### Frameworks & Libraries

React Native · React

### Backend & Databases

Firebase · Supabase



## SUMMARY

Software Engineer with 3 years 11 months in mobile and backend development, specializing in application architecture and performance optimization. Builds scalable React Native and web applications with a focus on clean architecture, workflow efficiency, and data-driven insights hands-on with Supabase and Python.



## EXPERIENCE

### Crest Infosystems Pvt. Ltd

Surat, India

Software Engineer

08/2022 - 07/2026

- Designed and shipped production mobile and web applications with React Native for business-critical workflows, owning large existing codebases to improve architecture stability, reliability, and deployment readiness.
- Enhanced cross-platform performance by reducing latency and improving UX. Collaborated with teams to deliver scalable features via a modular, system-design-driven architecture.
- Developed business apps to analyze data, creating insights for 20–24x efficiency gains by optimizing workflows through statistical analysis and visualization.
- Developed Python services and AI/ML automation pipelines for predictive analysis and data processing.
- Led a full-stack construction project management platform (Next.js 15, TypeScript) with 114 REST endpoints and full Swagger/OpenAPI documentation.
- Integrated push notifications (Firebase Cloud Messaging) and transactional email (Resend) with per-user preferences and device-token management in a cross-platform React Native app.
- Built an in-browser photo annotation editor with Fabric.js (canvas lifecycle hooks, undo/redo) backed by AWS S3 media storage.



## PROJECTS

### Aarti Polymers

06/2026 - 07/2026

Surat

Factory Operations Platform · React Native (Expo), Supabase, TypeScript

- Sole developer of a production cross-platform app for a polymer manufacturer, handling sales, production, and purchases, with role-based access enforced by Postgres RLS, achieving over 20,000 scanned boxes and 350+ challans.
- Built an offline-first QR scan pipeline (write-behind buffer + durable sync queue) so scanning never blocks on network, plus admin reporting and a full-database backup export.
- Owned the full stack — schema, RLS, Deno Edge Functions, a responsive 14-screen design system — shipped via EAS Build with OTA channels.



## SKILLS

### Software Engineering

System Design ·  
Application Architecture ·  
Performance Optimization ·  
Scalable System Development ·  
Mobile Development ·  
Web Development

### Methodologies & Tools

Agile / Scrum · Project Management ·  
Data Analysis · AI/ML



## LANGUAGES

|          |            |           |
|----------|------------|-----------|
| ENGLISH  | Proficient | ● ● ● ● ● |
| HINDI    | Native     | ● ● ● ● ● |
| GUJARATI | Proficient | ● ● ● ● ● |



## PROJECTS

### Life Dashboard

11/2025 - Present

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**Gamified Habit & Goal Tracker** · React Native (Expo), TypeScript, Supabase

- Built a cross-platform habit/goal tracker with an offline-first data layer optimistic Redux updates, a durable mutation queue, and a Sync Service that replays queued writes on reconnect with exponential back off.
- Designed the Supabase Postgres backend across 9 versioned migrations (RLS on every table, triggers, server-side streak calculation) powering an XP/level/streak gamification engine backed by an immutable score ledger, leaderboards, and a rewards store.
- Added biometric app lock (Secure Store-backed credentials) and a native iOS SwiftUI home-screen widget fed from JS via App Group shared storage, Reanimated 4 performance tuning shipped over the air via EAS Update.



## EDUCATION

### Babu Madhav Institute of Information Technology

Surat

Master of Science (M.Sc.) – Information Technology



## FIND ME ONLINE

#### • LinkedIn

[linkedin.com/in/vikash-rajpurohit](https://linkedin.com/in/vikash-rajpurohit)

#### • GitHub

[github.com/VikashRajpurohit](https://github.com/VikashRajpurohit)