

Hamza Hamal

React Native Developer

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Summary

Full Stack & React Native Engineer with 4+ years of experience building scalable, production-grade apps across mobile and web. Skilled in React Native, Next.js, Node.js, and Prisma ORM, delivering high-performance systems with secure APIs and real-time features. Driven by clean architecture, speed optimization, and user-focused design that converts technical excellence into business results.

Experience

SISL Infotech — Full Stack Developer November 2025 - Present
(Project: Counsel Fee Management System – Role-Based Administration Platform) Jammu

Key Achievements

- Architected the end-to-end digitization of the counsel fee workflow, transitioning the organization from a fully paper-based process to a **scalable digital system**, reducing bill processing time by **~80%** and enabling same-day verification.
- Designed and implemented a **role-driven workload distribution model**, eliminating single-point operational bottlenecks and enabling parallel processing across departments—significantly increasing throughput and governance clarity.
- Engineered a **modular, role-aware admin dashboard** (React + TypeScript + Vite) with district-scoped data access and super-admin global oversight, improving operational transparency and system maintainability.
- Developed **status-aware bill intelligence modules**—real-time counts, advanced filters, and mini-analytics views—empowering officers with immediate insights and reducing manual triaging across high-volume bill queues.
- Defined and enforced a robust **RBAC and data-scoping architecture** (district, court, status levels), ensuring secure, performant retrieval of context-specific data while preserving unrestricted visibility for privileged roles.
- Strengthened the platform’s reliability by extending typed API layers, integrating **React Query for deterministic caching**, and introducing automated invalidation workflows for consistent, real-time state across all interfaces.
- Elevated user and operational experience through a cohesive design system featuring **Radix-based primitives, standardized feedback patterns, and skeleton-driven load states**, reducing cognitive overhead and accelerating user adoption.

SISL Infotech — Full Stack Developer October 2025-Present
(Project: E-Nyaya Sarthi – AI-based Legal Services Platform) Jammu

Key Achievements

- Led development of 12+ modules** including Legal Aid, Case Search, and AI Chatbot, serving **citizens across J&K** via mobile app and web interface.
- Architected **React Native + Laravel + FastAPI** hybrid system supporting offline access and real-time data sync.
- Integrated **Qdrant vector DB + RAG pipeline** for legal-document semantic search, achieving **sub-3 s response time** and **> 85% accuracy**.
- Standardized **API contracts and error handling**, reducing frontend-backend integration issues by **40%**.
- Enhanced app responsiveness by **25%** through memoization, query caching, and virtualization.
- Containerized and deployed backend services using **Docker Compose** across multiple environments (Windows, WSL2, macOS).

Tech Stack: React Native (Expo SDK 54), TypeScript, Redux Toolkit, TanStack Query, Laravel 10, FastAPI, Qdrant, Docker, Eloquent ORM

Krishrad Innovations Pvt Ltd — Full Stack & React Native Developer March 2024-June 2025
(Projects: College Dwarka & Inrdeals App) Jammu

- Built a **cross-platform rewards-based ecommerce app** in React Native, integrating coupon aggregation, store comparison, and scratch-card rewards.
- Implemented **OTP and Google SSO authentication**, improving secure and frictionless user onboarding.
- Developed **dynamic UI components** such as scratch cards, banners, carousels, and tab-based store navigation with smooth animations.
- Integrated **in-app WebView with order detection logic** and UPI-based cashback automation to streamline reward distribution.
- Added **real-time notifications** via Firebase and managed ad placements using **AdMob** for monetization.
- Ensured **optimized app performance** through efficient data fetching, caching, and component-level state management.

Tech Stack: React Native, Firebase, MSG91 API, Google SSO, WebView, UPI Integration, AdMob, Redux

Krishrad Innovations Pvt Ltd — Full Stack & React Native Developer October 2024 - July 2025
(Projects: College Dwarka) Jammu

http://collegedwarka.com

- Developed and maintained India’s first **career guidance and lead management platform**, enabling seamless data handling across multiple modules.
- Built **responsive frontend** using React.js with advanced features like pagination, search, sorting, and real-time updates via notifications.
- Architected **secure backend APIs** in Node.js and Express with Prisma ORM for authentication, lead management, and data processing.
- Implemented **JWT-based authentication** and WebSocket-driven **real-time notifications** to enhance system interactivity.
- Optimized API performance through **indexing, pagination, and caching**, improving response times and scalability.
- Collaborated closely with UI/UX and data teams to align backend logic with user flow and operational needs.

Tech Stack: React.js, Node.js, Express.js, MySQL, Prisma ORM, JWT, WebSockets, Chart.js

Etherium Technologies Pvt Ltd — React Native Developer February 2021 - September 2024
(Project: All-Cures)

Key Achievements

- Led end-to-end development of *All Cures*, a cross-platform healthcare application built for Android and iOS.
- Developed **real-time chat and notification system** using WebSockets & Firebase to enhance user engagement.
- Integrated **secure payments** through CCAvenue and Razorpay APIs with strong error handling and transaction reliability.
- Improved **frontend performance and load time** through lazy-loading, memoization, and optimized navigation flow.
- Collaborated with a **cross-functional team** to deliver a stable and scalable release with minimal post-launch issues.

Tech Stack: React Native, Redux, JavaScript, React Navigation, Firebase, REST APIs, CCAvenue, Razorpay

Education

Lovely Professional University August 2016 - May 2020
Computer Science Bachelors of Technology
https://www.lpu.in

Projects

Reglex Global Consulting September 2025

Developed a production-grade advisory platform and headless CMS using Next.js 15 (App Router) and React 19. The system provides a secure admin dashboard for managing blog posts, testimonials, and contact workflows, designed for scalability, reusability, and performance. The project combines frontend, backend, and DevOps best practices to deliver a responsive, SEO-friendly, and multi-tenant capable web application with a type-safe Prisma ORM layer over MySQL.

https://rlgc.ae

- Built a **multi-tenant, production-grade headless CMS** for managing blogs, testimonials, and contact workflows with secure JWT authentication.
- Designed and developed **TipTap-based rich-text editor**, storing structured JSON and rendering server-optimized HTML for SEO and performance.
- Implemented **role-based access control** and ownership validation to secure data operations.
- Integrated **TanStack Query** for cache-driven client-server communication with background refetching and optimistic updates.
- Optimized **server-side rendering (SSR)** and dynamic metadata for SEO scalability and fast load times.
- Managed multi-client configurations with **Prisma ORM**, ensuring isolated database instances and streamlined deployment.

Tech Stack: Next.js 15, React 19, TypeScript, Prisma ORM, MySQL, Tailwind CSS 4, TipTap, TanStack Query, JWT, EmailJS

My Portfolio August 2022

My portfolio website.

https://hamza-hamal.netlify.app/

- Designed and built a **responsive personal portfolio** using React.js, HTML, CSS, and JavaScript.
- Implemented **smooth animations and transitions** to create a clean and interactive user experience.
- Showcases technical expertise, UI design capability, and deployment proficiency with Netlify.

Tech Stack: React.js, HTML, CSS, JavaScript, Netlify

Skills

Frontend

React Native, React.js, Next.js, Redux Toolkit, Expo, TypeScript, Tailwind CSS, NativeWind, Chart.js, HTML5, CSS3, Responsive UI Design

Backend Development

Node.js, Express.js, MySQL, Prisma ORM, Laravel 10, FastAPI, RESTful API Development, JWT Authentication, WebSockets, Socket.io

DevOps & Tools

Docker, EAS Build/Submit, Expo Updates, Git, GitHub Actions, Postman, ESLint, Turbopack

Performance & Architecture

Caching (Redis, Query Caching), Pagination, Search & Sorting Optimization, Code Splitting, Modular Architecture, API Contract Standardization

AI & Data Integration

Retrieval-Augmented Generation (RAG), Qdrant Vector DB, Semantic Search, OpenAI API Integration

Security

JWT, Role-Based Access Control (RBAC), Validation & Sanitization, Secure API Design

Languages

JavaScript (ES6+), TypeScript, PHP, Python, C, C++