

HARSHIT GUPTA

SENIOR SOFTWARE ENGINEER | MOBILE APP DEVELOPMENT | REACT NATIVE | DEVOPS EXPERTISE

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Senior software engineer with 6+ years building and shipping production systems across the full stack — React/Next.js and React Native on the front end, Node.js/NestJS APIs and data layers on the back end, deployed and maintained through CI/CD on AWS. Led 12+ projects end to end, owning architecture, delivery, and production support. Track record of measurable impact, including a 40% application performance improvement and database query optimization that cut infrastructure costs. Comfortable moving across frontend, backend, and infrastructure to solve problems wherever they sit.

KEY ACHIEVEMENTS

Project Leadership

Successfully led 12+ projects across four industries with 100% on-time delivery.

Performance Optimization

Optimized app performance by 40%, enhancing user experience and system reliability.

Deployment Efficiency

Implemented CI/CD pipelines, reducing deployment time from hours to under 10 minutes.

EXPERIENCE

Senior Software Engineer

03/2026 – Present

[HyperCode](#) — Delhi, India

AWS · React Native · GCP · Azure · ReactJS · NextJS · Angular · NodeJS · Cloud Infrastructure · RemixJS · Laravel · Shopify · Webflow · MongoDB · SQL · Cosmo DB (Azure) · WordPress · Framer

- Led architecture and development of 12+ web and mobile applications with a 10 people team across healthcare, ed-tech, fintech and sustainability
- Developed scalable React Native and Next.js solutions used by thousands of users
- Established DevOps pipelines reducing deployment time by 80%

Senior Mobile and DevOps Consultant

08/2025 – 03/2026

[Fairdeal.Market](#) — Gurugram, India

React Native · Cloud Infrastructure · Elastic Stack · Grafana · CircleCI · GitHub Actions · NodeJS · MongoDB · Redis · Linux · Kubernetes · Docker

Fairdeal is a B2B quick commerce startup. When I joined Fairdeal, I was tasked with improving the speed of the platform.

- I helped Fairdeal improve the speed of their mobile app and backend by up to 40%. Reduced mobile app cold start time from 10s to <2s. Reduced the app size by 15%. Reduced DB costing by >60%.
- Built a fault-tolerant CI/CD pipeline with GitHub Actions and CircleCI, enabling parallel deployment and automated rollbacks. Streamlined a manual process to a secure workflow, reducing deployment time from hours to under 10 minutes.
- Architected React Native, Android, and iOS OTA updates and Secret management.
- Planned and deployed a centralized monitoring and observability framework using Grafana and Elastic Stack across the mobile app and backend infrastructure.

Senior Software Engineer

04/2024 – 05/2025

[Codesmith](#) — Georgia, USA

React Native · VueJS · AWS · Google Health Connect · Apple Health · SolidJS · CapacitorJS · Automated Testing

- Joined Codesmith again with more wholistic responsibilities across Web, Mobile and DevOps.
- Worked on 2 mobile/tablet apps, which involved planning and strategising the work on the apps and core features like geo-tracking and offline modes. Also worked on 3 Web-based applications across industries.
- Elevated to Senior App and Frontend Developer, leading \$2 million product development and DevOps projects.
- Collaborated in cross-functional Agile teams at Codesmith using Scrum ceremonies and Jira-based sprint tracking.

EXPERIENCE

Frontend Developer

03/2023 – 04/2024

[Vupico](#) — Japan

ReactJS · Java Springboot

- Developed Vupico's Sustainability Data Platform (SDP). Created 6 Web App modules, including EPR and Analytics. Managed data charts/tables and built dynamic UI elements like tables, bar, and line charts.

Senior Mobile Application Developer

04/2022 – 03/2023

[Codesmith](#) — Georgia, USA

React Native · VueJS · AWS · Google Health Connect · Apple Health · Solid JSS · Capacitor JS

- Worked on 2 mobile/tablet apps, which involved planning and strategising the work on the apps and core features like geo-tracking and offline modes.
- Inherited a stalled, bug-ridden application and drove it to launch — modernized the stack, eliminated the open bug backlog, and shipped it live.
- Elevated to Senior App and Frontend Developer, leading \$2 million product development and DevOps projects.

Associate Software Engineer

02/2021 – 03/2022

[Accenture](#) — Mumbai

SQL · ASP.NET Core

- Worked on the employee management tools, which involved maintaining databases, quickly gained the know-how of the system and even started mentoring freshers.

LANGUAGES

Hindi — *Native*

English — *Native*

EDUCATION

Bachelor of Technology

2016 – 2020

[GGSIPU University](#) — New Delhi

SKILLS

- Web Development: HTML · JavaScript · TypeScript · ReactJS · NextJS · Angular · VueJS · Solid JS · System Design · REST API
- App Development: React Native · Flutter · Capacitor JS · iOS Native Development · Android Native Development
- Cloud Infrastructure & DevOps: AWS · Monitoring · Observability (ELK & Grafana) · Optimisation · Queuing · Security · GCP · Lambda · CDN · Micro Services · AWS Amplify · CI/CD (CircleCI | GitHub Actions | Bitrise)
- Backend: NodeJS · Laravel · Java Springboot
- Databases: MongoDB · PostgreSQL · DynamoDB
- Soft Skills: Mentoring & Team Development

PROJECTS

Bulkyard (Marketplace) - Hypercode

2026

<https://bulkyard.co.uk/>

Tech Stack - ReactJS, NodeJS, Claude, MongoDB, Stripe Connect, GCP, Vercel

BulkYard, a UK-based B2B platform, streamlines construction material sales, automates waste tracking and VAT invoicing, reduces landfill waste and haulage costs, ensuring environmental compliance.

- *Escrow Account & Payment Settlement* - Secures transaction trust by locking in agreed material and haulage rates directly between parties, preventing invoice disputes before final bank transfers are executed.
- *Stripe Integration & Subscription Billing* - Manages platform commercialization by powering automated, card-free trial periods that seamlessly transition users into annual subscription tiers (£4,000/year for traders and £750/year for hauliers).
- *In-App Negotiation Chat* - Provides a centralized, real-time workspace where buyers, suppliers, and hauliers negotiate logistics, automatically triggering binding Waste Transfer Notes as soon as terms are finalized.

PROJECTS

Nirmalaya (Shark Tank) - Hypercode

2026

<https://nirmalaya.com/>

Shopify Dev - Nirmalaya

Eco-friendly wellness store with premium incense, oils, and attars from recycled flowers. Offers seamless, high-converting shopping with curated products, gift bundling, and cross-selling.

Montra Electric (Murugappa Group) - Hypercode

2026

<https://www.montraelectric.com/>

Tech - Low Code · Webflow

Montra Electric, India's top commercial EV brand, offering sustainable, tech-driven mobility. Features diverse products from e-three-wheelers to trucks, supported by Murugappa Group's 125-year legacy. Built on Webflow.

Oxyhom (Real-Estate) - Hypercode

2025

<https://oxyhom.com>

Tech Stack: NextJS, MongoDB, AWS, GCP

Oxyhom Realty, a premium digital real estate platform, connects property buyers, partners, and developers for residential, commercial, and agricultural investments.

- *Hybrid Rendering (ISR & SSR):* The site uses Incremental Static Regeneration (ISR) for structural content like city landing pages, ensuring sub-millisecond load times while updating data smoothly in the background.
- *Granular Property Topology:* This architecture maps developers to micro-markets, unit configurations, floors, and amenity tags.
- *Lead Capture & Workflow Automation:* Built directly into the core engine, the platform instantly processes, validates, and routes inbound property inquiries to maximize operational conversion rates.

Find A Coach

2022 – 2026

<findacoach.ai>

Tech Stack - React Native · AngularJS · Laravel

- Find A Coach is an ed-tech platform developed for professionals. It leverages tech to allow professionals and experts to meet and share knowledge. Technologies used: PHP, Laravel, Angular, git, MySQL, Bash, React Native.

Dolf App

2022

Play Store - React Native

- Dolf is a crypto mobile banking app which allows users to invest their crypto and gain interest in it. Technologies used: React Native

Human Machine Interface

2019

FreeRTOS

- A touchscreen interface to be used in medical equipment. The system was made with optimum ergonomics and user experience in mind

BuzzBox

2019

Tech Stack - MERN Stack · Arduino · React Native

- A complete smart home solution with a Smart switchboard that makes your controls smart, which makes the whole system much cheaper and easier to install

PUBLICATIONS

Blockchain-based Security Solutions to Preserve Data Privacy and Integrity

01/2020

[Research paper published on IEEE Xplore](#)