

Shivam Gupta

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Summary

Senior Software Engineer with 6+ years of experience in mobile and front-end development, specializing in React Native and React.js. Proven expertise in payment systems, in-app purchases, video conferencing, and health data integration. Successfully led end-to-end delivery of scalable applications, driving user engagement and ensuring high-quality code through automated testing and CI/CD practices.

Core Skills

- **Mobile Development:** React Native, Redux & Redux-Saga, TypeScript, In-App Purchases, Payment Gateway Integration (Stripe, Apple Pay, Google Pay), Push Notifications, Navigation, Performance Optimization
- **Web Development:** React.js, Next.js, Tailwind, REST & GraphQL APIs, Pixel-Perfect UI, State Management, Component Reusability
- **Tools & DevOps:** Git, Jira, Android Studio, Xcode, Firebase, CI/CD, Jest, Detox
- **Other Expertise:** Zoom SDK, Health SDKs (Google Fit, Apple HealthKit), Data Visualization (Charts & Graphs), Agile/Scrum

Professional Experience

Tatvasoft Technologies | Senior Software Engineer

July 2019 – Present

- **Fuel Management System App (React Native)(Current)**
 - Led the mobile application development for iOS and Android in React Native
 - Implemented secure authentication with OTP & 2FA, Bio-Metrics authentication.
 - Built interactive dashboards with Line, Pie, and Bar charts.
 - Enabled chart export in PNG and CSV formats for reporting.
 - Developed reporting module with PDF export.
 - Delivered responsive UI aligned with business requirements.

- Set up and maintain CI/CD pipelines using github actions and Microsoft App Center, integrating E2E tests, unit tests, and code quality checks to follow industry standards.
- **Sports Engagement Platform App (React Native)**
 - Designed and developed an advanced video player supporting full-screen and portrait/landscape modes.
 - Integrated real-time live match updates and interactive match player system.
 - Enabled users to create teams, schedule tournaments, and manage scorecards.
 - Built an interactive feature for users to simulate stadium play (select shots, scores, and outcomes like out/not out).
 - Developed a profile module with personalization and recommendations.
 - Achieved 80%+ unit test coverage with Jest to ensure code reliability.
- **Prana AI App (React Native)**
 - Led complete app lifecycle including client communication, delivery, and release management.
 - Implemented multi-role user management and dynamic assessment system.
 - Integrated facial scanning to generate health scores (Low, Normal, High) with AI-driven consultation suggestions (Doctor, Coach, or AI).
 - Enabled doctor video consultations via Zoom SDK, including the ability to generate and share consultation reports with patients.
 - Successfully integrated Stripe payment gateway with secure subscription management and in-app purchases.
 - Delivered regular APK/IPA builds for client testing and feedback.
- **Bio Collection App (React Native)**
 - Built application infrastructure from scratch.
 - Integrated barcode scanning for streamlined sample data collection.
 - Designed system architecture supporting franchises, sub-franchises, and laboratories.
 - Enabled laboratories to collect and test samples, then share reports digitally.
 - Ensured high reliability with comprehensive Jest test coverage.

- **Builder Internal Block (React & React Native)**
 - Developed reusable UI components for cross-platform usage.
 - Implemented real-time collaboration tools (whiteboard, comments, socket communication).
 - Integrated Apple Pay for secure transactions.
- **GoShop – E-commerce Website (React.js)**
 - Built a scalable e-commerce platform with interactive shopping features.
 - Developed product catalog, advanced search, filters, cart, and wishlist functionality.
 - Implemented secure checkout flow with multiple payment options.
 - Created order tracking and history module for better user experience.
 - Developed “Tap & Win” and “Spin & Win” gamified features with Node.js backend.
 - Integrated Facebook authentication for seamless onboarding and social login.

Education

Master of Computer Applications (MCA) – GLS University (2019)

Bachelor of Computer Applications (BCA) – Gujarat University (2017)

Personal Details

Date of Birth: 13th Oct 1996

Gender: Male

Marital Status: Unmarried

Languages Known: English, Gujarati, Hindi

Declaration:

I hereby declare that the above information is true to the best of my knowledge and belief.