

Harpreet Singh

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SUMMARY

Skilled and detail-oriented **Full Stack Web Application Developer** specializing in the **MERN** stack, **JavaScript**, **TypeScript**, **React**, **React Native**, **Kotlin Android Development**. Proven success in delivering high-quality software solutions in the Health, E-commerce, and Fintech industries. As a pivotal member of the development team, I successfully spearheaded the completion of multiple major applications, from inception to deployment. I am proficient in enhancing **UI/UX**, implementing efficient architectures, incorporating **monorepo** and **microservices**, and developing comprehensive applications for both web and mobile platforms. I excel at managing and mentoring junior developers, incorporating innovative solutions, and meeting strict deadlines. Committed to continuous learning, I thrive in collaborative environments. Open to new opportunities and impactful projects.

EXPERIENCE

Senior Full Stack Developer

Redrock Capital Advisors Pvt Ltd (ibankey) – <https://ibankey.com/>

January 2023 – Present, Noida · On-site

- **Enhanced product UI design** and user experience by utilizing TailwindCSS and Framer Motion, structuring React components with Atomic Design principles for maintainable and scalable TypeScript code, and conducting thorough user research to create intuitive and visually appealing designs.
- **Implemented Monorepo** architecture to streamline development and employed caching techniques, such as useQuery and Redux for global state persistence, resulting in a 50% reduction in development time and a 70% improvement in page load times.
- **Designed and implemented** the Financial Performance report application, creating a robust and optimized tabular dashboard with complex tables and charts. Utilized data transformation and optimization techniques to ensure accuracy and efficiency, providing valuable insights to stakeholders.
- **Engineered and optimized** a Rule engine for financial data analysis, boosting data accuracy by 90% and processing speed by 60%, while delivering precise and actionable financial insights.
- **Created user-friendly workflows** by implementing features optimizing user interactions and streamlining complex tasks, such as comment queries on financial reports, resulting in a more seamless user experience.
- **Created Azure Functions** using Node.js for a microservices architecture for generating Financial report PDFs enhancing the scalability and maintainability of the system, leading to a 80% increase in system uptime.

React Developer

TJRA Retail (OPC) Pvt Ltd -RashanPoint – <https://rashanpoint.com/>

October 2021 – December 2022, Remote · Full-Time

- **Developed ReactJS and React Native applications** with clean architecture in an agile environment, focusing on reusable, scalable, and efficient code aligned with best practices for optimization and UX.
- **Collaborated with Agile development**, driving deployments on Google & Apple App Stores, achieving a 60% increase in downloads.
- **Integrated payment system** using paytm SDK and payment app invocation, achieving a 95% increase in successful transaction rates.
- **Built a search module with Elasticsearch**, featuring Category, Brand, Type, and Exact Search, enhancing search accuracy by 80%.
- **Contributed performance enhancement ideas** and actively participated in project planning, design, implementation, and testing phases to ensure seamless functionality.

React Native – NodeJS Full Stack Developer

Mantra Care – <https://mantracare.org/>

July 2021 – October 2021, Delhi · On-site-Intern

- **Developed comprehensive** diet planner to monitor and deliver personalized diet plans from dietitians, resulting in a 25% improvement in user retention. Integrated features for tracking daily calorie and protein intake, increasing user tracking activity by 40%.
- **Built health trackers**, including Calorie Tracker, Water Tracker, Weight Tracker, and Blood Pressure Tracker, resulting in a 30% increase in user engagement.
- **Designed and built** a React-JS and TypeScript-based dashboard application for Human Resource managers. The application facilitated the analysis and tracking of various health programs joined by company employees. Technologies used included React-JS, TypeScript, tailwind CSS, UseQuery, and NodeJS.

EDUCATION

BTech – Bachelor of Technology, Electronics and Communications Engineering – GGSIPU

Dr Akhilesh Das Gupta Institute of Technology & Management · Delhi · 2021 · 7.83 CGPA

Diploma, Computer Science Engineering

Guru Tegh Bahadur Polytechnic Institute · New Delhi · 2018 · 7.0 CGPA

SKILLS

Programming Languages: HTML, JavaScript, TypeScript, Kotlin, SCSS/SASS

Web Technologies: Node.js, RESTful APIs, GraphQL, Express.js, Bootstrap, Tailwind CSS, Redux, Flux, Zustand, Redux, Zod

Databases: MongoDB, SQL, MySQL, SQL Server, PostgreSQL

Frameworks: React JS, React Native, Next.js, KMP, Vite, MVC, RsPack, Webpack

Other Tools: Git, CI/CD, JIRA, Firebase, Azure, AWS, Monorepo, Micro-frontends, Micro-services

CERTIFICATIONS

Advanced React For Enterprise: React for senior engineers

Udemy

- **CSS Architecture and Best Practices:** Designed scalable and maintainable CSS architecture for frontend codebases, leveraging methodologies like BEM and CSS-in-JS to enhance readability and modularity.
- **Reusable Component Design:** Implemented advanced design patterns to develop reusable and scalable React components, ensuring consistency and reducing redundancy across projects.
- **TypeScript-Driven Component Development:** Built maintainable, type-safe, and team-friendly components using TypeScript, enabling enhanced developer collaboration and reducing runtime errors.
- **NPM Package Management:** Created, deployed, and managed reusable NPM packages, optimizing code reusability and standardization across projects.
- **Accessibility Optimization:** Enhanced custom component accessibility, ensuring compliance with WCAG standards and conducting thorough accessibility testing using tools like Axe and Lighthouse.
- **Performance Optimization in React:** Optimized styles and rendering performance in React applications, leveraging techniques like memoization, lazy loading, and CSS-in-JS frameworks.
- **Automated Testing Proficiency:** Conducted comprehensive unit, integration, and visual regression testing with tools like Jest, React Testing Library, and Chromatic to ensure component reliability and visual consistency.
- **Storybook and Component Libraries:** Developed and maintained interactive component libraries using Storybook, streamlining collaboration between design and development teams.
- **Continuous Integration and Deployment (CI/CD):** Integrated modern CI/CD pipelines to automate builds, tests, and deployments, utilizing tools like GitHub Actions, Jenkins, and CircleCI for efficient delivery.

Angular, NodeJS, Express & MongoDB, The MEAN Fullstack

Udemy

- **Mastered Full-Stack Integration:** Gained advanced expertise in connecting Angular, NodeJS, Express, and MongoDB, enabling the development of robust, high-performing end-to-end applications that efficiently handle complex workflows and data interactions.
- **Built Full-Scale Projects:** Designed and implemented large-scale full-stack applications from the ground up, showcasing proficiency in scalable architecture, responsive front-end design, and efficient back-end systems, resulting in highly functional and user-friendly solutions.
- **Refined Core Technologies:** Strengthened foundational knowledge in Angular, NodeJS, Express, and MongoDB, achieving a deeper understanding of their ecosystems, optimizing performance, and enhancing maintainability in application development.
- **Implemented Secure Systems:** Designed and deployed advanced authentication and authorization workflows, leveraging industry-standard practices such as JWT and OAuth2 to safeguard applications, enhance data security, and build user trust.
- **Enhanced Application Functionality:** Seamlessly integrated advanced features like multi-format file uploads and real-time processing into Angular and NodeJS/Express applications, elevating user experience and application functionality.
- **End-to-End Application Lifecycle Management:** Demonstrated expertise in managing the complete application lifecycle, including building, testing, and deploying full-stack solutions using CI/CD pipelines, ensuring scalability, reliability, and alignment with industry standards.

Kotlin Multiplatform Masterclass - KMP, KMM - Android, iOS

Udemy

- **Develop Cross-Platform Applications:** Built **native Android** and **iOS apps** with a strong focus on user experience and platform-specific optimizations.
- **Shared Codebase with KMM:** Efficiently shared business logic, presentation logic, and infrastructure using **Kotlin Multiplatform Mobile (KMM)** for streamlined app development.
- **Networking Expertise:** Implemented robust networking solutions with **Ktor**, ensuring secure and efficient data communication.
- **Dependency Injection:** Leveraged **Koin** for scalable and modular dependency injection across applications.
- **Local Database Integration:** Integrated local databases using **SQLDelight**, ensuring seamless data persistence and efficient querying in cross-platform projects.
- **Asynchronous Programming:** Utilized **Kotlin Coroutines** for handling asynchronous tasks, delivering responsive and high-performance applications.
- **Android UI Development:** Built modern and dynamic user interfaces for Android using **Jetpack Compose**, adhering to Material Design principles.
- **iOS UI Development:** Designed visually appealing and intuitive user interfaces for iOS using **SwiftUI**, ensuring consistency with Apple's Human Interface Guidelines.
- **Architecture & Design Patterns:** Applied **Clean Architecture** and **Model-View-Intent (MVI)** patterns to create scalable, maintainable, and testable codebases.
- **Reactive Programming:** Employed **StateFlow** and other reactive programming paradigms for state management and real-time updates, ensuring optimal user interactions.
- **Agile Development Practices:** Adopted Agile methodologies to efficiently deliver features and iterate based on feedback.