Nirzaree R. Patel

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Professional Summary

- Analytical and detail-oriented Android and React-native app developer offering **4+ years of experience**. Adept at bringing all team members together to reach a common goal on time and under budget. Conceptualizing app solutions with the latest technology, design theory, and a large dose of creativity. Committed to viable and easily functional app solutions for clients.

Skills

- Mobile concepts: **Android** - Android-SDK, ADB, DDMS, Gradle, SQLite, Push Notifications, Location Based Services and Maps, Navigation and UI components, Animations and transitions, Multimedia programming, keyboard and other input control, sensors control, Content Provider. Various System services. Broadcast Receiver & Services. RESTful Web Services, HTTP. JSON, Android architecture components, Resolution Support, Publishing apps to Play Store, Google Android Ads Integration, Material design, Google Analytics, Junit, in-app purchase, face detection, Bluetooth integrations, Graphics and image-processing (OpenGL), Third Party Libraries (Volley, RetroFit, AsyncHttp , Okhttp, Stripe, PayPal, Picasso, Glide, Firebase, Facebook, Instagram, Snapchat, Twitter, gms play services, OpenCV, etc.)

  React native - React/Redux project structure, Redux-saga and relative libs, Styled-component, Sentry, Bitrise, Hockyapp, ESLint, Jest, Enzyme, Typescript, Node.js, Animations, Custom components, moment, social media libraries, model, navigation and geolocation, device permissions control, Firebase database REST API, Cloud Firestore

- Programming: C++, Java, Kotlin, JavaScript
- Software Tools IDE: Android Studio, Eclipse, Node, Visual Studio Code, Trello, Slack, GIT, Log Cat, Gradle, ADB
- Operating Systems: Windows, Mac, Android
- Data management: MySQL, Oracle, SQLite
- Web Technologies: HTML/CSS, HTML5, XML
- Methodologies: Agile methodology, Waterfall model
- Frame Works: JUnit, MVC, MVVM, RxJava / RxKotlin / ReactiveX

Work Experience

- **Team Lead of Android Department / React native developer**   **March 2018 – January 2020**
  TechTic Solutions, 202 Gala Argos, Ellisbridge   Ahmedabad, Gujarat, India

  - Contributed to the full mobile application development lifecycle from planning, requirement gathering, development, unit testing and deploying on Google Play Store for beta testing.
  - Acts as a mentor to give training and do follow-ups with junior teammates.
  - Excellent written and presentation skills interfacing with co-workers to work effectively.
  - Dedicated to continuously developing, implementing, and adopting new technologies to maximize development efficiency and produce the innovative application.
  - Communicate effectively (written and verbal) at all levels of the organization.
  - Maintain open lines of communication between internal departments such as Project Manager.

- Drafting document, organize and maintain project information.
- Create budgets for clients to get a broad scope of project.
- Provide leadership and technical expertise to maintain existing procedures and continuous improvement.
- Provide comprehensive and conceptual estimates.
- Maintain records, track documents, and create progress reports.
- Evaluate and assure material requisitions, work plans, and full utilization of schedules.
- Used Trello to track issues and GitHub for code repository.
- Experience in custom view creation and animation to UI component and following standard android design guidelines.
- Experience in multi-threading, memory management, resource management and task execution on different threads.
- Experience in framework development and distribution on the maven repository.
- Expertise in Junit, Espresso, etc. to write Unit Tests and Mock Server to test API Tests.
- Solid experience with OOP and design patterns, such as MVVM, MVP, etc.
- Experienced with Kotlin programming and Android Jetpack Architecture components.
- Knowledge of Firestore and build firebase restful services
- Developed app with Open cv to recognize obstacles using Camera Vision technology to help blind people
- Successfully developed puzzle game and spin the bottle for the enterprise. And worked on direction navigation using Mapbox.
- Developed a mobile application which use sensors to recognize speed of vehicle and compare it with mobile usage for safety purpose.
- Expert in React native Js development and have experience React.js and Responsive design.
- Working with Redux architecture using complex Object-Oriented concepts in improving the performance of the applications.
- Experience in using React JS components, Forms, Events, Keys, Router, plus Redux, Animations and Flux concept.
- Developed in React.js for interactive UI's using One-way data flow, Virtual DOM, JSX, React Native concepts.
- Familiar with creating custom reusable React Components Library.

- **Sr. Android Developer**   **January 2017 – March 2018**
  TechTic Solutions, 202 Gala Argos, Ellisbridge   Ahmedabad, Gujarat, India

  - Developed this application for wvga, qHD, HD and FHD resolutions devices.
  - Experience integrating third party SDKs with a good knowledge of popular Android frameworks and libraries.
  - FCM integration for push notifications, Chat Integration, and Social Media Integration.
  - Implement a Broadcast receiver framework, register receiver to receive Screen ON/OFF broadcast event from the Android system, to recognize phone call status, etc.
  - Worked on photo editing and live video streaming using third party library tokbox.
  - Developed application with voice recognition and speech to text functionality.
  - Implemented custom keyboard to share custom emoji on various chat platforms like whatsapp, messanger, hangout etc.

- **Android Developer**   **January 2016 – January 2017**
  Waytoweb(waytoweb.in), A1 2nd floor Surya complex, Gurukul road   Ahmedabad, Gujarat, India

  - Used restful web services and parsed JSON data
  - Performed testing on Physical device and the android emulator.
  - Responsible for development of all application components and UI resources.
  - Built compatibility with android version 4.0 and up.
  - Developed the SQLite database to store and display data in offline mode.
  - Worked on research of paytm QR code payment implementation.
  - Developed application with POS system with Bluetooth printing technology.

- **Professor in IT Department**   **July 2015 – December 2015**
  Govt. Polytechnic for Girls, University Rd, Navrangpura   Ahmedabad, Gujarat, India

  - Conducted lectures on C, C++, DBMS, OS, JAVA and J2EE technologies
  - Provided a guidance to the students for developing their career as well as making them familiar with
  - Participated in student recruitment, registration, and placement activities
  - Prepared teaching material and utilized it for the progress of students
  - Guided users in performing certain tasks using Microsoft Office products, the Internet, and e-mail
  - Evaluate and grade students' class work, assignments, and papers
  - Challenged and motivated students through in-depth lectures and discussions
  - Lectured and communicated effectively with students from diverse backgrounds
  - Reviewed books and journal articles for potential publication
  - Served on academic or administrative committees that deal with institutional policies, departmental matters, and academic issues

- **Application Developer (Trainee)**   **January 2015 – May 2015**
  M.G. Infosoft, 28, R3 The Mall, Gurukul Rd, Memnagar   Ahmedabad, Gujarat, India

  - Involved in various phases of Software Development Life Cycle
  - Designing, coding, debugging and testing on core Java, Java Server Pages (JSP), Servlet and MVC
  - Developed and deployed REST web service
  - Designed various database and perform many queries on MS SQL and My SQL Server
  - Created and deployed web pages using HTML, JQuery, Ajax, and JavaScript
  - Debugged, tested and troubleshoot the various problems

Education

- **Bachelor of Engineering in Information Technology**   **Aug 2012 – June 2015**
  L. D. ENGINEERING COLLEGE   Ahmedabad, Gujarat, India
- **Diploma of Engineering in Information Technology**   **Aug 2009 - June 2012**
  GOVT. POLYTECHNIC FOR GIRLS   Ahmedabad, Gujarat, India