KARAN PATEL

Montreal, QC, Canada
Phone: 514-804-6697 **Email:** patelkaran.0606@gmail.com

SUMMARY

Innovative, technical-minded, and tech-savvy android developer with 1+ year of experience in writing high-quality code and maintainable systems that make lives easier across the technology stack, such as Java, Kotlin, Flutter, Dart, Swift, and many more. High proficiency in applying Software Development Life Cycle (SDLC) for applications, including requirements analysis, design, development, testing, maintenance, and enhancements. Having a good understanding of Android Native and Web-based Applications. Special expertise in assessing risk and translating innovative ideas into technology solutions. Highly skilled in building the next generation of products leveraging frameworks, such as Android SDK, and tackling complex problems related to large-scale backend infrastructure and mobile platforms.

AREA OF EXPERTISE

- User Experience Design
- Android Platforms
- App Store Functionality
- Android Development
- App Development
- Object-Oriented Design
- Mobile Landscape Knowledge
- Project Management
- Quality Assurance
- Virtualization Technologies
- Solutions Deployment
- Code Reviews
- Build Releases
- Tools & Technologies
- Database Management

TECHNICAL SKILLS

- **Mobile Technologies:** Android, Java, Kotlin, Android SDK, Flutter, IOS, Swift
- **Libraries:** RxJava, AndroidX, Material Design, Retrofit, Glide
- **Database:** MongoDB, MariaDB, MySQL, SQLite, Firebase
- **Web Services:** REST API, SOAP, JSON, Retrofit
- **Web Technologies:** React(Redux, Next.js), Javascript, Typescript, HTML, CSS
- **Tools:** Git, Postman, Android Studio, Xcode, Jira

CORE COMPETENCIES

- Strong implementation knowledge of algorithms and designing for performance, scalability, and availability with sound knowledge of development tools, environment, and utilities.
- Demonstrable ability to deliver projects on time, with high quality, and within budget while having a strong intuitive sense for good user experience.
- Accountable for producing high-quality code on a personal level adhering to all software engineering quality standards/benchmarks.
- Display leadership skills such as taking responsibility, pursuing solutions to problems, and displaying resourcefulness towards accomplishing given tasks or goals.

PROFESSIONAL EXPERIENCE

WAY TO WEB, AHMEDABAD, INDIA   JUNE 2018 – AUGUST 2020

ANDROID DEVELOPER | JANUARY 2019 – AUGUST 2020

- Worked with an agile team of six to prioritize and scope feature requests to ensure the initial implementation of the most significant impact features.
- Implemented multiple systems to transfer data between layers of the software stack and communicated with internal teams and stakeholders to determine solutions for enhancing user experience.
- Independently handled modules, scope, analysis, design, build, test the code, debug and implement applications while strong command of Android, Java, Kotlin, and MySQL.
- Develop RESTful APIs using Java and perform code reviews for peers while using Java and Kotlin for the customer-facing mobile application.

ANDROID DEVELOPER INTERN | JUNE 2018 – DECEMBER 2018

- Designed and developed Android applications while ensuring the proper integration of applications with third parties APIs.

- Worked in all phases of the project, including design, development, testing, and deployment, besides analyzing the requirements of the application, testing, stage, deployment, and production maintenance, and assisted lead android developer.
- Improved the apps' interfacing with various systems to ensure flexibility and agility by creating SQL database structures integrated with Android applications and web interfaces.
- Worked with a team of developers to create features for new and existing applications, including user interface design, database integration, and performance optimization.

PROJECTS & ACCOMPLISHMENTS

Snow Remover Application (Android, Java, Flutter, IOS)   February 2022 – April 2022

- Project Implementation with three different technologies
- Techstack: Android, Java, Flutter, Dart, Swift, IOS, Firebase, OAuth (Google, Facebook), Payment (Stripe).
- Business: CMS and client-facing mobile app.
- Team: 4 Dev, Sprint methodology
- Led a team from inception to delivery—faced security, payments, and ramp-up challenges.

Flora Application (Android, Java, Flutter, IOS)   October 2021- January 2022

- Project Implementation with three different technologies
- Techstack: Android, Java, Flutter, Dart, Swift, IOS, Firebase, OAuth (Google, Facebook)
- Business: CMS and client-facing mobile app.
- Team: 3 Dev, Sprint methodology.

ShopCo (React, Express, Node, MongoDB)   June 2020 - September 2020

- Techstack: React, Node.js, MongoDB, Express.Js
- Business: CMS and client-facing web app.
- Team: 3 Dev, Sprint methodology.

Buzz Play (Android, Java, MySQL)

- Social media applications for sports person to manage their teams and make changes.
- Implemented payment gateway using Paytm.

420-345-MT - Programming and Architecture

- Design Patterns: Singleton, Factory, Observer, Repository.
- Dependency Injection.
- Developed an application based on a game theory using a mini-max algorithm.

420-C06-MT - Mobile application programming (Hybrid)

- Leveraged Flutter and Firebase to rapidly build a cross-platform mobile application.
- Data Modeling for individual modules and features.

420-C03-MT - Uses of data

- Normalization.
- Database architecture, procedures, and triggers.

EDUCATION & CERTIFICATIONS

Post-Graduate Diploma: Mobile Application Development   2020-2022

Montreal Gaspesie Campus, CA

Bachelor of Technology: Computer Science and Engineering   2015-2019

SAL institute of technology & engineering research, IN

Diploma: Java   June 2016 – November 2016

Zion Technology

REFERENCES

- Personal and professional references are available upon request.