

Bhautik Pethani

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SUMMARY

Mobile Application Developer with 2 years of industrial experience with knowledge of the complete lifecycle of Software Development. I am currently pursuing a Mobile Application Design and Development course and actively looking for a co-op opportunity.

SKILLS

- Proficient in mobile application development using **iOS (Swift and SwiftUI)**, **Android (Java and Kotlin)**, **Flutter** and **React-Native**
- Expertise in Web Development with **JavaScript**, **React-TypeScript**, **PHP (Core and Laravel)**, **.NET**, **Bootstrap**, **HTML5** and **CSS**
- Experience with object-oriented programming languages such as **C**, **C++**, **Java** and **C#**
- Worked with **SQL**, **SQLite**, **SQLite Room Database** and **XML**
- Experience in **Agile/Scrum** software development methodology
- Hands-on experience with **IDEs** such as **XCode**, **Android Studio**, **IntelliJ**, **Visual Studio Code**, **Eclipse**, **Atom**, **git bash** and other development platforms
- Experienced in using **Git** and **Bitbucket** for version control and **Jira**, **Trello**, and **Asana** for Task tracking

EDUCATION

Mobile Application Design and Development

Jan 2022 - Present

Lambton College, Toronto, Ontario

(Courses: Android and iOS development fundamentals, Swift and Java programming, Mobile browser application development, Mobile Frontend and Backend development, Software Quality Assurance Testing)

Bachelor of Science in Information Technology

Jun 2017 – Sep 2020

Uka Tarsadiya University, Gujarat, India

(Courses: Algorithm and Data structures, Database management system, Web development, Software development, Software Engineering)

EXPERIENCE

Junior Application Developer

(Contract) Jan 2022 – Nov 2022

Webmount Studios, Montreal, Canada (Remote)

- Designed software architecture and developed multiple iOS mobile applications using **Swift** and **Objective-C**
- Developed backend using **firebase-lambda**, **Firestore** and **Firebase-Cloud-Messaging**
- Worked with **AlamoFire** to implement user authentication, login and store user-specific account and transaction data
- Worked with **RxSwift** library for composing asynchronous and event-based code
- Monitored and maintained application workflow and infrastructure using **Datadog**
- **Debugged** and fixed potential bugs, thus improving app performance by 12%

Mobile Application Developer (Cross-Platform)

Oct 2020 – Oct 2021

Planics Dev, Gujarat, India

Experienced with UI design and interaction in **Flutter (Dart)** with the backend using data binding methods and **third-party libraries** like **Google Maps** and **Maps APIs**

- Worked with **cloud services** such as **Firebase** and **AWS** for database and social media authentication
- **Troubleshoot** and analyze problem reports
- Identifying potential problems and resolving application bottlenecks

FREELANCING PROJECTS

[HireOpp](#) – Android and iOS

HireOpp is a real-time location-based application that helps users connect and interact with all nearby vendors, freelancers, professional service providers, businesses, etc.

- Developed the app using **Flutter** and **Dart**
- Implemented **RestAPIs, third-party libraries, Firestore, Firebase Auth** (Social Media Authentication) and **Google Map APIs**
- Used the **Providers** and **Cached Network Image** functionality, improving the application's performance by 15%

[Patient Connect](#) – Android and iOS

Patient Connect is developed to provide authentic information with their own Doctors being the source. The information can be simply FAQs on a particular disease or DO's and DON'Ts, Myth Busters, animated and personalized educational videos, Exercises and much more.

- Developed the app using **Flutter** and **Dart**
- Implemented **RestAPIs, third-party libraries**, Media Bucket and Space Allocation for the media on the server
- Worked with **File IO Operations** by connecting RestAPIs

ACADEMIC PROJECTS

[FitME](#) – iOS (XCode)

FitMe is a fitness and health-based app that suggests various exercises to users based on their lifestyle to achieve their body goals.

- Developed the app using **Swift, SwiftUI** and **Storyboard**
- Implemented **freemium** model, thus developed **In-app purchases** as per Apple's guidelines
- Implemented Media Downloading and displaying from AWS S3 using the **SwiftyJSON**
- Worked with **Figma** to develop UI/UX designs for the application

[Task Manager](#) – Android (Android Studio)

Task Manager is developed to manage our daily tasks in a categorized manner with images and audio recordings.

- Developed the app using **Android, Java** and **XML**
- Implemented **Media Recorder** to record user messages from a microphone
- Used **Room DAOs** library for data persistence and interaction with the database (**SQLite**)
- Worked with the file read and write to upload images locally