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EDUCATION

Master of Science, Computer Science, University of North Carolina at Charlotte **GPA:** 3.90 **Aug 2018 - May 2020**
Bachelor of Engineering in Computer Engineering, Savitribai Phule Pune University **GPA:** 66.35 **June 2013 - June 2017**

TECHNICAL SKILLS

Programming Language: Kotlin, Java, GraphQL, JavaScript, Swift, C, C++, SQL, Python
Web Technologies: HTML, CSS, Node JS, Express JS, React JS, Axios, Bootstrap
Tools: Android Studio, XCode, Firebase, Postman, Kanban Board, Adobe, GitHub, Jira, Zeplin
Services: Firebase, AWS-EC2, S3, RDS, Azure Bing Image Search API, Digital Ocean, Heroku
Databases: MySQL, MongoDB, SQLite

WORK EXPERIENCE

Software Engineer (Android), Current, New York, USA **Nov 20201 – Present**

- Developing an Android application to streamline banking services for users.
- Improved onboarding process by incorporating surveys to tailor features to individual user needs.
- Utilized **GraphQL** to improve app performance and flexibility by only requesting specific data fields and easily modifying data schema without changes to the client.
- Created a modularized UI component for address flow, which can be utilized throughout the application.
- Incorporated the Android **Contacts Provider** to facilitate the sharing of in-app rewards and referrals to suggested contacts.
- Undertaking a comprehensive rebranding effort, including updates to color schemes, fonts, and other UI components.

Software Engineer (Android), Fruit Street Health, New York, USA **Oct 2020 – Nov 2021**

- Developed an Android application for a Diabetes Prevention and Weight Loss Program, featuring manual food entries and tracking of health data from wearable devices.
- Integrated **ZOOM API** for seamless video conferencing with dietitians to provide feedback on logged food.
- Utilized **HTTPS WebSocket** and **MOSHI** JSON library for real-time chat functionality.
- Collaborated with Technology and Platform teams to ensure cross-platform consistency and managed tasks and team within an agile development process using **Pivotal Tracker** and **Miro Board**.

iOS Developer Intern, Amissa, Charlotte, USA **June 2019 – Aug 2019**

- Built an iOS application for Alzheimer's patients, allowing caretakers to track patient location, set geofence regions, receive notifications if the patient leaves the geofence, and monitor patient health.
- Utilized **Apple's Core Location** to obtain the patient's geographic location and Haversine distance formula to check if the patient is within the geofence region.
- Implemented notifications using Apple Push Notification Service (**APNs**) with **Firebase** Cloud Messaging.
- Collaborated with the team using a **Kanban** board to follow an agile development process.

PROJECTS

Android Applications, UNC Charlotte

Chatroom with Ride Sharing App **[Java, Android Studio, Google Map, Firebase]**

- Uses **Firebase Realtime database** and storage features to store the pictures and messages shared in the chatroom. Allows users to join existing chat rooms or create new ones
- Enables users to request rides and share their current location through integration with **Google maps.**
- Incorporates **GSON**, **OkHttp**, **PrettyTime** libraries and shared preferences to enhance functionality, improve user experience and maintain active sessions.

Smart Grocery Store **[Java, Bluetooth Beacons, Payment API]**

- Utilizes **Bluetooth Beacon** technology and Estimote Beacons to deliver indoor proximity-based information and offers in a grocery store setting.
- Integrates with **Braintree payment API** to facilitate secure and efficient transaction processing.

Trip Planner **[Java, Android, Google Map, Firebase]**

- Enables a user to plan a trip to any city in the USA. It uses **Google Maps** to provide the list of tourist attractions in a two-mile radius of the selected city. The application uses **Google Authentication** for sign up.
- It uses **reverse geocoding** to transform addresses into latitude and longitude to store into a firebase database.

Web Applications, UNC Charlotte

Travel Website **[RESTful API, HTML5, CSS, Node.js]**

- Designed Travel website API with endpoints for getting city, places, and food places. Implemented user authentication using **JSON Web Token**. This API is deployed on **Heroku**.
- Website using the API allows user to search for cities and view information on popular places and cuisines in those cities