

Ayush Patel

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Professional Summary:

Results-driven Senior Software Engineer with a strong background in Android app development and a passion for creating seamless user experiences. Experienced in spearheading the design and development of innovative mobile applications, leveraging cutting-edge technologies and frameworks. Adept at leading small teams and collaborating cross-functionally to deliver high-quality products. Committed to staying abreast of industry trends and continuously improving technical skills.

Experience:

Senior Software Engineer (Android) – LendingTree, Charlotte

July 2019 - Present

- Having spearheaded **LendingTree: Spring's** development with Jetpack Compose, I transformed the LendingTree mortgage experience.
- Redesigned app's UI/UX, delivering user-friendly and intuitive experience with use of Canvas API for custom drawings and animations.
- Embracing learning mindset, continuously exploring and implementing latest tools and technologies, including Jetpack Compose, Navigation, and the single activity architecture stack.
- Gained comprehensive exposure to the entire application lifecycle, from initial product requirements to ensuring user satisfaction.
- Contributing to development of comprehensive financial management solutions, empowering users to manage their finances effectively.
- Successfully spearheading adoption of cutting-edge technology, enhancing app's performance and elevating user satisfaction levels.
- Dedicated to staying up-to-date with industry trends and best practices, continuously enhancing skills to deliver innovative solutions.

Android Developer – TimeTap, Charlotte

August 2018 – May 2019

- Led development of native application **TimeTap** from scratch, focusing on creating a more user-friendly and free-flowing experience.
- Implemented key features such as Biometric Authentication, Multi Screen Layout, Session Management, Bottom Navigation View, and Calendar View Appointments.
- Leveraged Android platform, REST APIs, Retrofit v2.0, and MVC Architecture to ensure seamless integration and efficient data handling.

IT Intern – TIAA, Charlotte

June 2018 - August 2018

- Implemented Logistic Regression model in R to identify potentially fraudulent transactions.
- Developed a robust model capable of analyzing transaction data and assigning fraud scores to each transaction. Leveraged model's output to establish threshold for classifying transactions as either fraud or non-fraud.

Education:

The University of North Carolina at Charlotte

May 2019

Master's in Computer Science

GPA: 3.9

Rajiv Gandhi Proudhyogiki Vishwavidhyalaya, India

June 2017

Bachelor of Engineering

GPA: 7.8/10

Personal Projects:

Innovative Computing Projects Evaluator (Android, Node JS, Retrofit, Mobile Vision API, JWT Authentication)

- The Android app is for evaluators to scan the QR Code of the teams, evaluate their projects, and submit the results.
- The web app is used to design the evaluation survey questions, manage evaluators and teams, and review the submitted evaluations.

Photo Store (iOS, Firebase, Collection Views, File Management)

- An iOS app to manage, import, and view photos. App uses Firebase to manage photo storage.
- The application retrieves the list of photos for the currently logged-in user from Firebase and displays them using Collection View.

Mobile Attendance System (Android, SQLite, JXL API) |

- Android app for school/college faculty so that they may take student attendance on their phones.
- Saved 2 hours/day & \$0.08/paper by using local storage and included the functionality to print excel sheets.

Trip Planner and Tracker Application (Android, Firebase, Google Maps API, Google Places API)

- The application tracks the user's current location using GPS and draws the tracked user's path on a Google map using PolyLines.
- User can create his/her trip using the list of places stored in Firebase.

Restaurant Seating Reservation Application (Android, Twilio API, Node Js, Rest API)

- The Android app is used by restaurants to register customers who are looking for seating.
- The customers can book a table through SMS and are also alerted through SMS when a table is available for them.
- The web app is used to monitor the status of the reservations.

Permanent Resident. Don't require any kind of sponsorship.