AYUSH PATEL
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Experience:

Senior Software Engineer (Android) – LendingTree, Charlotte   July 2019 - Present
- Spearheading the Design and Development of LendingTree: Budget, Credit, Finance Tracker.
- This senior-level experience is providing an outlook of the corporate world by exposing how the phases of the software development life cycle are implemented to develop a product in a company.
- Being part of a small team gave 360-degree exposure to the whole application from product requirements to fulfilling user satisfaction.
- Providing a seamless user experience which resulted in more than 99.95% crash-free users and 4.7 avg. users rating with the help of Crashlytics and A/B Tests.
- Worked on features like Plaid Integration, Event Tracking, Social Login, Native form flows, etc.

Android Developer – TimeTap, Charlotte   August 2018 – May 2019
- Developed native application from scratch, which included features like Biometric Authentication, Multiscreen Layout, Session Management, Bottom Navigation View, and Calendar View Appointments to make it free-flowing and more user friendly.
- Technology – Android, REST APIs, Retrofit v2.0, MVC Architecture, Modular Design, Fragments, Vertical Stepper Form.

IT Intern – TIAA, Charlotte   June 2018 - August 2018
- Implemented Logistic Regression model to find transactions that can be fraud using R.
- The model was used for storing all the transactions to determine the fraud scores. Further, these scores were used to set a limit to classify them as fraud and non-fraud testing various tuning parameters and normalization of the data.

Technical Skills:

Programming Languages and Web Technology: JAVA, Kotlin, Python, C++, R, Swift, HTML, JSP, CSS, XML, Node JS, Servlets.
Android: Android annotations, MVVM architecture pattern, Google Cloud Services, SMS Messaging, Bluetooth Beacons, Biometric Authentication, Thread Communication.
IOS: Collection Views, File Management, Concurrency and HTTP Request, Table Views.
REST APIs: Braintree Payments API, Google Maps API, Google Places API, Twilio API, MovieDB API.
Tools: Android Studio, Tableau, IntelliJ Editor, Jupyter Notebook, Atom, Eclipse, Postman, XCode, Cloudera VM.

Education:

The University of North Carolina at Charlotte   May 2019
Master's in Computer Science   GPA: 3.9

Rajiv Gandhi Proudyogiki Vishwavidhyalaya, India   June 2017
Bachelor of Engineering   GPA: 7.8/10

Relevant Coursework:
Mobile Application Development, Network-Based Application Development, Advanced Mobile Application Development, Machine Learning, Algorithms and Data Structures, Cloud Computing, and Software Systems Design and Implementation.

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.