AYUSH PATEL

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

Education:

University of North Carolina at Charlotte   May 2019
Master's in Computer Science   GPA: 3.89

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.

Relevant Experience:

Android Developer – TimeTap, Charlotte   August 2018 - Present
- Spearheading the Design and Development of TimeTap BackOffice, an Appointment/Time Scheduling application for businesses.
- Developed Native application from scratch, which included features like Finger Print Authentication, Multi screen Layout, Session Management, Bottom Navigation View, 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.
- Implementation was followed by the parallel testing of the model for daily and monthly transactions.
- The model was used for scoring 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.

Automation Intern, India   May 2016 - August 2016
- Learned about and implemented Automation technologies like Auto IT, Selenium Web driver, Data Scraping, VB scripting.
- Identify and track abnormal software/system behaviors within their web application.

Technical Skills:

Programming Languages and Web Technology: C++**,** JAVA, Python, R, Swift, HTML, JSP, CSS, XML, Node JS, Servlets.
Android - Google Cloud Services, SMS Messaging, Bluetooth Beacons, Finger Print Authentication, Thread Communication.
IOS - Collection Views, File Management, Concurrency and Http Request, Table Views.
REST API's: Braintree Payments API, Google Maps API, Google Places API, Twilio API, MovieDB API.
DBMS: SQLite, MySQL, Firebase, Oracle SQL Developer, Hadoop/Map Reduce, MongoDB.
Tools: Android Studio, Tableau, IntelliJ Editor, Jupyter Notebook, Atom, Eclipse, Postman, XCode, Cloudera VM.

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 the photo storage.
- The application retrieves the list of photos for the currently logged in user from Firebase and display them using Collection View.

Mobile Attendance System *(Android, SQLite, JXL API)* | http://bit.ly/attendsys (Play Store Link)
- 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 sheet.

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 own trip using the list of places stored in firebase.

Social Network and Messaging Application *(Android, Firebase, OkHttp, Postman)*
- Developed Mobile Application integrated with Firebase Database which include features such as sending friend request, sharing statuses, adding and removing friends and post using Fragments and Tab Activity.

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 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.