| Ayush Patel  [**patelayush.github.io** **|**](http://patelayush.github.io/) [**linkedin.com/in/patelayush**](http://www.linkedin.com/in/patelayush) **| ayushpatel95@gmail.com | (267) 777-2726** |
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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:

**Principal Android Developer – Ally Financial, Charlotte**  September 2024 - Current

* Involved in the maintenance, stability, and performance optimization of the core native Android application for Ally Auto within the **Ally** mobile app.
* Spearheaded efforts to enhance the stability of the native Android application for the Auto division, resulting in a measurable reduction in crashes.
* Diagnosed, debugged, and resolved critical bugs and performance bottlenecks within the native Android codebase for the Ally Auto application.
* Implemented robust error handling and logging mechanisms to proactively identify and address potential stability issues in the Auto app.
* Actively learning and contributing to the company's strategic transition towards **React Native** for a unified mobile platform.
* Collaborating with cross-functional teams to understand the architecture and contribute to the development of new features using React Native.
* Leveraged native Android expertise while acquiring proficiency in React Native principles and best practices.

**Senior Software Engineer (Android) – LendingTree, Charlotte** July 2019 - September 2024

* 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.
* Embraced 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.
* Contributed to development of comprehensive financial management solutions, empowering users to manage their finances effectively.
* Spearheaded adoption of cutting-edge technology, enhancing app's performance and elevating user satisfaction levels.

**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 Proudyogiki Vishwavidhyalaya, India**  June 2017

Bachelor of Engineering GPA: 7.8/10

Personal Projects:

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

* The mobile 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.