

# Akash Vinod Nevatia

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## EDUCATION

<b>University of North Carolina at Charlotte, Charlotte, NC.</b>	December 2022
Master of Science in Computer Science	GPA: 4
Concentration: Data Science	
<b>Mumbai University, Mumbai, India</b>	June 2021
Bachelor of Engineering in Computer Science	GPA: 3.31

## TECHNICAL SKILLS:

**Languages:** Kotlin, Python, Java, PHP, R.

**Tools:** Docker, Postman, Git, Google Firebase, Google Analytics, Google Maps API, TensorFlow.

**Development Platform:** Android Studio, UiPath, Azure, AWS, Digital Ocean.

## EXPERIENCE:

<b>American Tire Distributors</b>	Feb 2023-Present
SDE, Charlotte, NC	
<ul style="list-style-type: none"><li>Instrumental in the seamless transition of an Android app to Java/Kotlin, elevating performance and user experience for 18,000+ users.</li><li>Played a key role in optimizing the DevOps pipeline for Android app builds, resulting in accelerated development cycles and efficient end-to-end delivery.</li><li>Facilitated fluid communication among cross-functional teams and external partners, ensuring project alignment and timely progress monitoring.</li><li>Applied Python and Flask expertise to introduce a service that enhanced app functionality, leading to heightened user satisfaction and engagement.</li></ul>	
<b>Sahu Technologies</b>	Dec 2019-Jan 2020
Technical Intern, Mumbai, Maharashtra	
<ul style="list-style-type: none"><li>Learned the core concepts of web development, that helped in understanding Agile process and thereby converting theoretical problem statements to practical solutions.</li><li>Developed a cloth selling website with all the key features and a payment gateway according to client's demand.</li><li>HTML, CSS, JavaScript, PHP were used in the development process.</li></ul>	

## PROJECTS:

<b>Android Chat Box</b>	Nov 2021-Dec 2021
<ul style="list-style-type: none"><li>Prototype of a live chat box developed for android platform.</li><li>Developed using Android Studio, Google Firebase, Google Firestore, Java.</li><li>It contains all the features such as starting a new chat, deleting a chat, viewing chat history.</li></ul>	
<b>Location Tracker</b>	Oct 2021-Nov 2021
<ul style="list-style-type: none"><li>Android based application that tracks the use path.</li><li>Developed using Android Studio, Google Maps API, Google Firebase, Google Firestore, Java.</li><li>It tracks the user activity(travel history) and later displays it as a trail on the screen with help of Google Maps.</li><li>The travel history is stored using Google Firestore and authenticated using Google Firebase.</li></ul>	
<b>Tunes</b>	Sep 2021-Oct 2021
<ul style="list-style-type: none"><li>It is an android application that displays the user's music playlist.</li><li>Developed using Android Studio, Java, REST API.</li><li>Once the user is logged in, then with the help of an external API the recommendation list of music is fetched and displayed.</li><li>It has an in-app music player as well.</li></ul>	
<b>The Automation of the Visual Acuity</b>	Sep 2020-May 2021
<ul style="list-style-type: none"><li>Design a project that transfers the physical test on an online portal with help of DenseNet for depth calculations, which were used to get the users Eye results.</li><li>Accelerate the time and efficiency required for an Eye test.</li><li>Analysis of the same has been published in the GIC Science Journal. Find <a href="#">here</a>.</li></ul>	
<b>Emotional Analysis using Texts</b>	May 2020-June 2020
<ul style="list-style-type: none"><li>Devised the core concept of Emotional Analysis with help of Machine Learning SVM and Naive Bayes module to generate accurate and adequate results.</li><li>The text input from the user indicated the emotional state in output.</li><li>Interpretations from the output proved out to be valuable data for research on Emotion Analysis.</li></ul>	