Akash Vinod Nevtia

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https://github.com/akashnevtia

EDUCATION

University of North Carolina at Charlotte, Charlotte, NC.   Present
Master of

Science in Computer Science
Concentration: Data Science   GPA: 4

Mumbai University, Mumbai, India   June 2021
Bachelor of Engineering in Computer Science   GPA: 3.31

TECHNICAL SKILLS:

Languages: Python, C, Java, JavaScript, PHP, Swift, R.
Tools : NodeJS, MySQL, Google Firebase, Docker, Postman, Git, Tableau, NumPy, Pandas, MatPlotLib, REST API, Swagger, Django, Google Maps API, TensorFlow
Development Platform: Android Studio, UiPath, Azure, AWS, Digital Ocean.

EXPERIENCE:

Sahu Technologies   December 2019-January 2020
Technical Intern, Mumbai, Maharashtra
- Learned the core concepts of web development, that helped in understanding Agile process and thereby converting theoretical problem statements to practical solutions.
- Developed a cloth selling website with all the key features and a payment gateway according to client's demand.
- HTML, CSS, JavaScript, PHP were used in the development process

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PROJECTS:

Android Chat Box   November 2021-December 2021
- Prototype of a live chatbox developed for android platform.
- Developed using Android Studio, Google Firebase, Google Firestore, Java.
- It contains all the features such as starting a new chat, deleting a chat, viewing chat history.

Location Tracker   October 2021-November 2021
- Android based application that tracks the use path.
- Developed using Android Studio, Google Maps API,Google Firebase, Google Firestore, Java.
- It tracks the user activity(travel history) and later displays it as a trail on the screen with help of Google Maps.
- The travel history is stored using Google Firestore and authenticated using Google Firebase.

Tunes   September 2021-October 2021
- It is an android application that displays the user's music playlist.
- Developed using Android Studio, Java, REST API.
- Once the user is logged in, then with the help of an external API the recommendation list of music is fetched and displayed.
- It has an in app music player as well.

The Automation of the Visual Acuity   September 2020- May 2021
- 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.
- Accelerate the time and efficiency required for an Eye test.
- Analysis of the same has been published in the GIC Science Journal. Find here.

Emotional Analysis using Texts   May 2020-June 2020
- Devised the core concept of Emotional Analysis with help of Machine Learning SVM and Naive Bayes module to generate accurate and adequate results.
- The text input from the user indicated the emotional state in output.
- Interpretations from the output proved out to be valuable data for research on Emotion Analysis.