Karthick

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EDUCATION

NIT-TRICHY
B.TECH IN COMPUTER SCIENCE AND ENGINEERING
Expected May 2021
CGPA: 8.97/10.0

MAHARISHI VIDYA MANDIR
Grad. May 2017 | Chennai, India
Graduation Percentage: 96

LINKS

Github:// karthickr883
LinkedIn:// karthick
Leetcode:// mesiir883

COURSEWORK

UNDERGRADUATE
Data Structures and ALgorithms
Operating Systems
Combinatorics and Graph Theory
Data Communication and Networking
Machine Learning
Artificial Intelligence and Expert Systems

SKILLS

PROGRAMMING LANGUAGES
C • C++
FAMILIAR
Perl • Python • Shell Scripting
•Android • MySQL • Linux
OTHER TOOLS
Vim • Git • Github • Android Studio
• InfluxDB • Grafana

CERTIFICATIONS

• Android App Components – Intents, Activities and Broadcast Receivers (Vanderbilt University, USA)

EXPERIENCE

GOLDMAN SACHS | SUMMER ENGINEERING INTERN
May 2020 – June 2020 | Bangalore, India
- Worked on the SRE team in primarily Perl and Python to plan, design and push time series data into InfluxDB and visualize the time series data using Grafana, which was used by the stakeholders.
- Wrote perl and python scripts to push time series data into InfluxDB using REST API's.
- All code was reviewed, perfected, and pushed to production.

PROJECTS

MUSIC-MATCH APP | MAY'18
MUSIC-MATCH API | RETROFIT | SQLITE DATABASE
- A simple app which shows the user the top tracks and top artists of a given country or globally.
- The user can pick any artist or track in order to get the details about them, the user can select their favorite artists and tracks whose details will be stored locally in a local database.
- Used Music-Match API and Retrofit library to get the details dynamically from the internet and SQLite Database to store the details of the favorite tracks and artists.

TO DO LIST APP | MAY'18
SQLITE DATABASE | ALARM MANAGER | BROADCAST RECEIVER
- A simple to do app ,where the user enters tasks to finish along with the deadlines for all those tasks.
- The app gives notifications to the users if the tasks are not completed within the set deadlines.
- Used SQLite Database, Alarm Manager and Broadcast receiver to achieve the same.

CHIT CHAT APP | MAY'18
FIREBASE
- A simple chat app that provides a single chat room for multiple users to chat and upload images from the local remote directory.
- Used Firebase for user authorization to sign in into the application.

AWARDS

Year	Award	Event
2014	State rank 17	International Informatics Olympiad
2020	2nd most points	Google Code Jam, Qualification Round
2012	41st/2500	International Masters mathematics Olympiad
2017	In Top 5/100 teams	Hackers Hunt(Coding and Math Based Competiton)