Pakala Sai Teja

Software Engineer

To be an astute learner and keep myself dynamic, visionary, and the best performer so that I can build an innovative career by using my skills in the best possible way with sheer determination and commitment and give value contribution in the success of organization by rendering my sincere efforts

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WORK EXPERIENCE

Software Engineer
Samsung R&D institute, Noida

06/2022 - Present

Description:

- Handling **UI** in settings application in **samsung flagship** devices, samsung Galaxy watches.
- **Android development, Android SDK , Android Jetpack, Java programming, Kotlin programming, Coroutines, SQLite, XML-JSON Parsing, Design patterns, Code reviews**
- Worked an application which uses **MVVM** pattern for US samsung devices for Hotspot provisioning.
- Actively participated in galaxy **Watch 6** and **android 14** U-OS updates for samsung galaxy phones.
- Implemented **SAR backoff Feature** to Wi-Fi antenna for **samsung devices**(A146P, Tab A9, Tab A9plus, A05s...). Where the power is reduced when device is near to head and body,
- Hands on experience in writing **Unit test** cases with test frameworks like **mockito, espresso**

Intern
Samsung R&D institute, Noida

01/2022 - 06/2022

Android development

Project: Send user Location using Wifi Aware

- andriod development, Developed an **app** in which it **shares** the **Location and message(input from the user)** from one device to all the nearby devices using **wifi aware** using **publish and subscribe** APIs

EDUCATION

Bachelor of Engineering
Chaitanya Bharathi Institute of Technology

2018 - 2022 *GPA: 7.38*

Course

- Electronics and Communication Engineering

Senior Secondary
Narayana Junior college

2016 - 2018 *Marks: 966*

Secondary Education
Krishnaveni Talent School

2015 - 2016 *GPA: 8.8*

SKILLS

Python | Java | Kotlin | C++ | Jira | DSA | SQL | DBMS | JUnit | Machine Learning | Android Development | Coroutines | Android Jetpack | SQLite databases | Git | Perforce

PERSONAL PROJECTS

Handwritten Digit Recognition Using Convolutional Neural Networks in Python with Keras

- Handwritten Digit Recognition using Convolutional Neural Networks in Python with Keras is a deep learning project that identifies handwritten digits accurately through advanced image processing techniques.

Drowsy Driver Detection

- It detects whether the driver is drowsy or not with micro controller and a sensor by using keil software.

CERTIFICATES

Software Competency - Professional Certified By Republic of Korea

Software Competency - Advanced Certified By Republic of Korea

Hackerrank Certified programmer

LANGUAGES

English
Full Professional Proficiency

Hindi
Full Professional Proficiency

Telugu
Full Professional Proficiency

INTERESTS

Quick Learner | Adaptability | Resillience