HARSHAVARDHAN.P

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WORK EXPERIENCE

Citi | Chennai
August 2020 – Present

Analyst - Developer tools and Languages Team
- Developed an automated chocolatey packaging framework which reduced packaging time by at least 30% and helped team deliver products at greater speed.
- Implemented a developer portal POC to help programmers discover IDEs and language runtimes available in Citi and help them make informed decision when choosing the tooling for their project.
- Responsible for packaging and handling incidents related to Git portable and GitHub Desktop

Technology used: Python Flask, Angular, Jenkins, Nginx, MongoDB, PowerShell

GingerMind.AI | Bangalore
Oct 2018 – July 2019

Android Development Intern
- Developed a geofencing based alert system for blind users.
- Developed a pdf reader feature that allows blind users to read pdf from more than 10 languages.
- Developed an algorithm for lane departure warning system using image processing techniques for eyed smart glass
- Implemented security mechanism to prevent reverse engineering of app and prevent malicious users from tampering the app. Added methods to detect and block unverified users remotely.

Technology used: Android, Java, Python, OpenCV

SSN Android Club | Chennai
Feb 2019 – March 2020

Head of the club:
- I organise and teach various concepts related to the android framework through weekly seminars.

PROJECTS

Zinger Framework
- Developed an Open Source Framework for building Hyperlocal Delivery Mobile and Web applications

Android ByteCode Obfuscator
- Developed a tool to protect android apps from static code analysis attacks by decompilers. The tool implements a variety of data and control flow obfuscation at the source and byte-code level to prevent decompilation.

SSN College App
- Developed an android app for the college to automate various students, faculty and alumni related activities. The app has more than 1000 downloads and has average rating of 4.8 stars.

Sign Language detection
- Developed a sign language recognition system using deep learning techniques to ease the communication gap between mute people and general public.

EDUCATION

PSBB School | Chennai   2014
CBSE class 10th - 10 /10

PSBB School | Chennai   2016
CBSE AISSCE - 477/500

SSN College of Engineering | Chennai   2016 – 2020
B.E. Computer Science Engineering - 8.10/10

SKILLS

Language and Software: Java, Python, Flask, Angular, Kotlin, My-SQL, Firebase, Android, Spring Boot

Tools: Git, Docker, Heroku, Jenkins

ACHIEVEMENTS

- Smart India Hackathon Finalists | Jaipur   2018