Bharath Chandra G U

Hyderabad

Phone:9791574924   **Email:**bharathchandra541@gmail.com   **Website:**Bharathck.github.io/

Summary

- Currently working towards contributing to open source projects and improve my knowledge base
- Enjoy working on mobile device operating systems and the Linux kernel, using C, Java, makefiles, and bash
- Demonstrated success in positions requiring communication, teamwork, and customer focus

Projects

- A mini project titled Face Detection and Recognition , i have developed an API to detect and recognize faces in a photograph or a webcam using python with opencv libraries and yaleface database.[Project Summary]
- I was a part of a minor project titled Polarity Analyzer using NLP , where my role was to develop a backend to the webpage using sql , mysql database and connect to a jsp server using apache tomcat.[Project Document]
- I worked on a project titled Client-Server live session with dedicated server system isolated per system via MD5 HASH Algorithm which I have implemented from an android rom hashing Scenario.[Project Summary]
- Out of my interest, and maybe due to boredom, I was into Linux kernel development which is a great deep journey by itself, Made a Linux kernel based on 4.4.78 for an android device and used git for the version control and kernel upstream of the same, and I was successful building the kernel and published it in xda developers and maintaining it since then [4.4.162].[Kernel Link]

Technical Skills

- Operating System: windows , Linux [ubuntu] , Android [aosp , lineageOS , Kernel Android device].
- Front End : HTML , CSS , JAVASCRIPT.
- Back End : Java , C , C++, Bash scripting .
- Hvae experience with Netbeans , Eclipse , Android Studio, Gcc ,Clang ,DragonTC [toolchain].
- Others: TWRP recovery trees, Bootloader, GIT, Diffuse & Meld.
- Use git for version control on all projects with some experience in SVN.

Education

B.Tech Computer Science   SRM Institute Of Science & Technology   2014-2018

- Passed out in 2018 with CGPA of 7.633 .

Intermediate   Sri Chaitanya jr. college   2012-2014

- Pursued this degree with a percentage of 81.2 in stream of MPC in the year 2014

Xth   Gowtham Concept School   2011-2012

- Pursued this degree in CBSE syllabus with a CGPA of 9.2 in the year 2012

Favorite courses and Books

- Data Structures and Algorithms: learned various algorithms
- Computer Organization/Assembly Programming: learned about low level programming and computer architecture
- Linux Internals : Learned how linux works and how the tools are designed to fulfill certain demands.

Additional Links: XDA Developers   GITHUB