

Manu Hegde

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PROJECTS

X86 Kernel Development

January 2012 - July 2012

github.com/manuhg/ManuOS

sourceforge.net/projects/manuos

My own 32 bit Operating System Kernel written from scratch in x86 assembly and C, with very basic abilities

Radiant Data Systems

March 2017 - June 2017

- Embedded development on ATmega1280
- Desktop development with Microsoft Visual C++ with .NET.

Windows Desktop Application and its firmware counterpart for a custom device to display information, for BPCL
Firmware written in C and Desktop Application in Visual C++

File sorting using unsupervised machine learning

April 2018

github.com/manuhg/fsort - implementation with ui in QT5 C++

github.com/manuhg/libfsort - backend library with Caffe 1.0 C++

Linux Desktop Application to segregate Image files based on its content/colour distribution etc.

Websites developed

React SPA with Firebase backend- agdial.in - July 2018 ,

Regular Websites with HTML & CSS

sumaagrotech.com - September 2017, shramajeewiki.com - June 2015,

shramajeeviimages.com - May 2012

EDUCATION

Dr. Ambedkar Institute of Technology, Bengaluru

Bachelor of Computer Science & Engineering
August 2015 - August 2019 , Current CGPA -8.1

PES PU College, Bengaluru — II PUC

Passed with 85% , March 2015

Shree Bharathi Vidyalaya, Bengaluru — ICSE X std

Passed with 87.9% , March 2013

SKILLS

Programming/Scripting

Languages:

C, C++, java, clojure, python, php, javascript, HTML & CSS

Frameworks/Libraries:

Reactjs, Bootstrap

Database: MYSQL, firestore

Tools:

emacs, git, nginx, apache, Linux cli

OTHER ACTIVITIES

Organiser for

Dr.AIT Mega Summit 2017

30th March

Maker Faire Bengaluru 2017

17th and 18th Nov

Volunteer for

HasGeek 50p 2018 -

8th and 9th Feb

HasGeek rootconf 2018 -

10th and 11th May