

# Manu Hegde

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## PROJECTS

### Websites developed

React SPA with Firebase backend- [agdial.in](https://agdial.in) - July 2018 ,  
Regular Websites with HTML & CSS  
[sumaagrotech.com](https://sumaagrotech.com) - September 2017, [shramajeewiki.com](https://shramajeewiki.com) - June 2015,  
[shramajeeviimages.com](https://shramajeeviimages.com) - May 2012

### X86 Kernel Development

January 2012 - July 2012  
[github.com/manuhg/ManuOS](https://github.com/manuhg/ManuOS)  
[sourceforge.net/projects/manuos](https://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](https://github.com/manuhg/fsort) - implementation with ui in QT5 C++  
[github.com/manuhg/libfsort](https://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.

## EDUCATION

### Dr. Ambedkar Institute of Technology, Bengaluru

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

## 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**  
30<sup>th</sup> March

**Maker Faire Bengaluru 2017**  
17<sup>th</sup> and 18<sup>th</sup> Nov

### Volunteer for

**HasGeek 50p 2018 -**  
8<sup>th</sup> and 9<sup>th</sup> Feb

**HasGeek rootconf 2018 -**  
10<sup>th</sup> and 11<sup>th</sup> May