Contact

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(LinkedIn)

Top Skills

C
linux system programming
linux device driver

Languages

English (Native or Bilingual)
Hindi (Native or Bilingual)
Kannada (Native or Bilingual)

Honors-Awards

Yuashilpi

Basava Prabhu Mugali

Embedded Software Engineer at Sasken Technologies Limited
Bengaluru, Karnataka, India

Summary

Embedded Software Engineer at Sasken Technologies limited
System Programmer with experience in porting & fine-tuning Linux
kernel onto newer platforms, Linux device driver development,
debugging tools.

Experience

Sasken Technologies Limited
Embedded Software Engineer
March 2019 - Present (1 year 1 month)
bangalore

* Upgrading the kernel and Android version on Android device and Qualcomm
SDM boards to latest version and Porting it into devices.
* Working with git to full fill the up-gradation project.
* Understanding the flow of booting process of Android devices and specific
features related to android kernel .
* Android linux kernel and AOSP building and debugging, understanding and
flashing different images into devices. Use and exploring of AOSP to building
all kinds of Android things.
* Exploring debugging tools to make our task simple as possible as.

Vector India Pvt. Ltd.
Embedded Software trainee
September 2018 - March 2019 (7 months)
Bangaon Area, India

* Learning is such a beautiful thing .
* Understanding how effectively languages are used in real world life .
* Exploring C, Data Structure and C++ to develop real world applications.
* Designing preprocessor stage of compiler using c .
* Developing effective Data base for all kind of organisation using Data
structure.
* Using 8051 microcontroller to develop real world embedded devices like
wether monitering system in AC.

* Understanding linux , how linux works , developing applications on linux and Device driver development .
* Building of OS and making an embedded device to boot up by flashing kernel onto it.

Education

S G Balekundri Institute of Technology, BELGAUM
Bachelor of Engineering - BE, Embedded enggering · (2014 - 2018)

Kendriya Vidyalaya
 · (2002 - 2014)