

NARESH MARAMAINA

Senior Software Engineer

Professional embedded software developer with more than 5.11 years of experience in the Linux environment. Involved in Linux device drivers, kernel, system programming and shell script development.



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WORK EXPERIENCE

Senior Software engineer Capgemini (Client: Qualcomm India)

05/2021 - Present

Hyderabad, India

Achievements/Tasks

- Worked on device driver development for Linux storage drivers such as eMMC, SD Card, SDIO, UFS, RPMB, devfreq and UIO driver modules. In addition to that given support for Qualcomm proprietary technologies / tools.
- Device tree enablement for different IOT products for storage drivers.
- Myself Developed multiple debug tools for identify critical issues and useful for first level issue analysis. And created automatic tools.
- Developed Block and driver layer ftrace parser for identify storage performance issues.
- Developed RAMDUMP parser code for parsing complex MMC driver structures.

Contact : Naveen Arepalli - 8374838672

Assistant Engineer Linkwell telesystems pvt ltd

07/2017 - 04/2021

Hyderabad, India

Linkwell telesystems pvt ltd formerly known as Visiontek and which is product based company.

Achievements/Tasks

- Single Handedly developed a project for POS terminals. RHMS (Remote Health Management System) & Device Management.
- Developed multiple shell scripting tools to automate the repeated works.
- Worked for I/O device driver and Matrix keyboard implementation for IMX6 Cortex A9 Sololite based board and exercised Linux device driver concepts.

Contact : Mastan - 9908185975

CERTIFICATES

Vector India (07/2016 - 02/2017)

Trained in Vector india for embedded development

Tech Veda (05/2019 - 08/2019)

Device Drivers and kernel programming Training

EDUCATION

B.Tech in ECE

CMR College of Engineering & Technology

06/2013 - 05/2016

Hyderabad, India

SKILLS

C

Data structures

Linux System programming

kernel programming

Device Drivers Development

Python Basics for tool development

Device tree

Block drivers

gdb

git

Shell Script

vim/cscope

File Systems

VOLUNTEER EXPERIENCE

Senior Software Engineer Capgemini (Client: Qualcomm India)

05/2021 - Present

Hyderabad

Tasks/Achievements

- Learnt quick issue solving techniques by create debug tools. Self learning Python Coding for create common tool for Window/Linux/Android supported OS, Shell Script Coding and git project learnings
- Mentor for new joiner. Taken new responsibilities like tech Ramp up and guiding on various critical issues. Good experience in handle multi tech people while issue escalations, well handled multiple tech areas and issues.

ORGANIZATIONS

Capgemini (05/2021 - Present)

Senior Software Engineer

Visiontek (07/2017 - 04/2021)

Assistant Engineer

HONOR AWARDS

Capgemini Star (05/2021 - Present)

Capgemini certified and awarded as star performer of the year

- Worked for Qualcomm India Client, In this period my Manager, Lead Engineer and all other work colleagues are appreciated by giving Thank You points in internal server. That made me star performer

LANGUAGES

English

Full Professional Proficiency

Telugu

Native or Bilingual Proficiency

Hindi

Limited Working Proficiency