RAJESHWAR SHINDE

Embedded Linux Developer

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🌐 https://coolrrsh.github.io/me/
📌 Pune

SUMMARY

Exceptionally accomplished and skilled Embedded Software Developer with a zest for a challenging work environment with a high degree of responsibility. Proven record of successful work both independently and as a team member. Highly flexible in adjusting work pace to meet evolving client needs.

EXPERIENCE

Embedded Linux Developer
07/2023 - Present

Acclivis Technologies — Pune
- Lead Linux drivers team for functioning of audio and video devices.
- Debugged the I2C, MIPI sensors for imx8mp and imx8mm-evk boards.
- Customized device tree binary and developed drivers for camera capture and stream.
- Worked on board support package development using yocto.

Embedded Engineer
05/2023 - 07/2023

L&T Technology Services — Hyderabad
- Worked with driver development team for client Qualcomm.
- Debugged graphics driver and built python scripts.

Linux kernel mentee
07/2023 - Present

Linux Foundation — Remote
- Worked with the maintainers and senior developers to debug I2C,SPI & PCIe framework drivers.
- Developed patches to fix bugs in linux kernel.
- Collaborated with global teams to fix complex kernel bugs.

Embedded Software Engineer 1
05/2022 - 05/2023

Stratus Technologies — Bangalore
- Worked on driver development for bare-metal hypervisor.
- Involved in refactoring and optimization of the code delivered in the earlier phase (release-1) of the project.
- Debugged PCIe, Storage & Network drivers and fixed bugs.
- Rebased the kernel hardening changes into upstream kernel.
- Developed Python scripts to install BIOS and BMC firmware.

Associate Software Developer
02/2021 - 05/2022

Accenture technologies and solutions — Pune
- Developed API services and unit tests for SKY website.
- Replaced traditional JavaScript to the ES6 standard.
- Helped automation team to resolve platform dependency issues.

EDUCATION

BE Electronics & Telecommunication
2016 - 11/2020

Army institute of Technology — Pune
CGP: 7.91

SKILLS

Embedded C

Device drivers

Yocto

RTOS

Assembly

JavaScript / IOT

Rust

ACHIEVEMENTS

- Received award for National level science exhibition.
  Gold medalist, NCSC

- top 25 finalist
  AI Hackathon, Accenture

CERTIFICATION

Linux device drivers
Kernel Masters

Embedded C / RTOS
Kernel Masters

CCNA Networking
Cisco

LANGUAGES

English

Germany