

# J, Linda

lindathadeus@gmail.com - C | Linux | Yocto | Platform Engineering



## About me

C/Python Programmer, Linux Kernel Developer, Yocto Developer

## Skills

C, Python, Debugging, YOCTO Dev, Linux Kernel Dev

## Tools

Crash • GDB

## Interests

Publish GPT App on ChatGPT store, Blogging, Content Creation in LinkedIn

## Currently Learning

LLM Training (SLM), Game Development

@lindathadeus

lindathadeus

## WORK EXPERIENCE

June 2023 - Present

*Crash, ebpf, Linux Driver, Debugging*

### Senior Engineer

(1 YEAR 6 MONTHS+) · SUSE 📍

Customer Kernel Driver bugs, Debugging Customer Issues, Debugging Linux User-space and Kernel-space Applications. Notably, a customer recently reported that the startup process of a database server always failed on the first attempt but ran successfully on the second producing a trace. We analyzed the vmcore, probed the tracing infrastructure. Learned tools like crash, ebpf

Nov 2021 - May 2023

*Device Driver Porting, instrumentation, Yocto, Automation*

### R&D Engineer 3

(1 YEAR 7 MONTHS) · Brocade - Broadcom 📍

PPC 32-bit Watchdog Device Driver Debugging and Maintenance, Debugging through instrumentation, Other skills in IOCTLs, ISR, C programming, BASH scripting. Notably, ported watchdog driver to the newer kernel, added new ISR code relevant to the new platform during board bringup. Developed Integrated YOCTO recipes by including new platform to our existing YOCTO recipes.

Feb 2016 - Nov 2021

*Cross-compilation, CVE Patching, Yocto, REST, Proc Entries*

### R&D Engineer Software 2

(5 YEARS 9 MONTHS) · Brocade - Broadcom 📍

OSS Porting - build systems and toolchains - cross-compilation to PPC/x86, CVE patching, YOCTO, CVE analysis using Python, Writing Kernel drivers in C, Yang Data Modeling, RESTful APIs in C, Test scripts in Python and Bash. Utility apps in Python and Bash. Notably, created custom YOCTO recipes for over 100 packages along with Design of YOCTO based Custom OSS package builder. As part of Python Development, designed and developed REST API Python Applications for Linux. As part of C Development, we created a secure wrapper around Linux Applications. As part of Kernel development, we developed proc entries that would display the stack based on kernel symbol address on debugfs.

Aug 2014 - Jan 2016

*HPC Porting, Python*

### Senior Software Engineer

(1 YEAR 6 MONTHS) · Calligo Technologies 📍

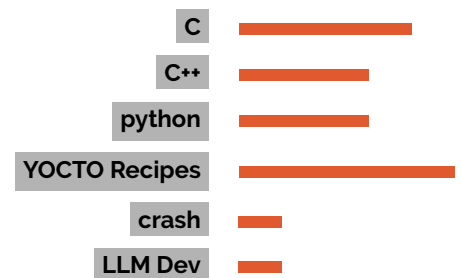
Development for HPC platforms, porting to HPC Platform, Python development

## DEGREES

2014 **National Institute of Technology Karnataka**  
M.TECH. IT · First Class, 7.03/10 🏛️

2012 **Anna University Tirunelveli**  
B.TECH. CS & ENGG. · First Class, 8.43/10 🏛️

## TOOLS



## HONORS AND AWARDS

- 2012** GATE - Anna Univ - Top 1.5 percent
- 2008** XII - Rosemary Matric. HSS, School English Language Topper
- 2006** X - Merit Matric. HSS, School Rank Third, School English Language Topper