J. Linda

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



About me

C/Python Programmer, Linux Kernel Developer, Yocto Developer

Skills

C Development, Python Development, Debugging code, YOCTO Dev, App Dev, Linux Kernel Dev

Tools

Crash · GDB

Interests

GPT App Design on ChatGPT store, Blogging, Newbie Content Creator in Linkedin

Currently Learning

LLM Training (SLM), Game Development

lindathadeus

lindathadeus

Work Experience

June 2023 -Present

Senior Engineer (1 YEAR 6 MONTHS+) · SUSE ♀

R&D Engineer 3

Crash, ebpf, Linux Driver, Debugging

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

2021 Nov -May 2023 Device Driver Porting,

Instrumentation. Yocto.

Automation

(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

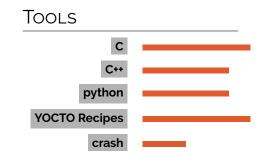
DEGREES

2014 National Institute of Technology Karnataka

М.Тесн. IT · First Class, 7.03/10 🏦

2012 Anna University Tirunelveli

> B.Tech. CS & Engg. · First Class, 8.43/10 mm



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