

Joe Thadeus, Linda

j.t.n.linda@gmail.com



About me

C/Python Programmer, Linux
Kernel Developer, Yocto
Developer

Skills

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

Tools

GCC • GDB • Python
• YOCTO

Interests

Newbie small scale LLM
Training (SLM), Newbie AI
based Creator in LinkedIn,
Animation Movies, Movies,
Sitcoms, Music, Art

@lindathadeus

lindathadeus

WORK EXPERIENCE

June 2023–Present

Senior Engineer

(1 YEAR+) • SUSE

Handling networking bugs, Research on Linux Tools, Debugging customer Issues, Debugging Linux User-space and Kernel-space Applications. Notably, we worked on a bug where the customer's server was having severe network performance bottleneck. We found out that the issue happened whenever the lab system was running "SYSTEM BACKUP" and also found out that the issue was happening due to the outdated Hypervisor ethernet driver. using system logs and debugging lines added KERNEL packages.

Nov 2021–May 2023

R&D Engineer 3

(1 YEAR 7 MONTHS) • Brocade - Broadcom

PPC 32 bit Watchdog Device Driver Debugging and Maintenance, 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

R&D Engineer Software 2

(5 YEARS 9 MONTH) • Brocade - Broadcom

OSS Porting, 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

Aug 2014–Jan 2016

Senior Software Engineer

(1 YEAR 6 MONTHS) • Calligo Technologies

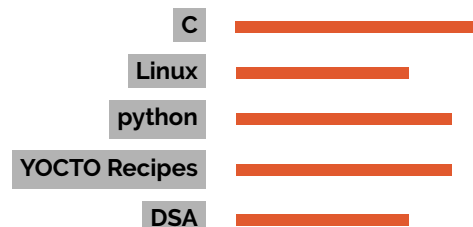
Development of Parallel and Distributed Applications, Optimizing Existing Applications, Porting Existing applications for different architectures and platforms, Building Monitoring Utilities for the Linux platform

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

PROGRAMMING

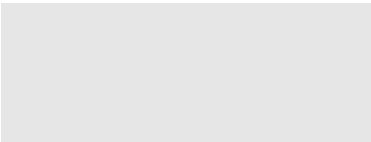


PUBLICATIONS

2014 *Energy-aware Task Scheduling using Ant-colony Optimization - Elseviers - Aug 3, 2014.*

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*