

Charan Sai Koneru

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SOFTWARE ENGINEER

Goal-oriented and problem solver with 6 years of experience building and maintaining software.

Highly skilled in communication, collaboration, and generating technical documentation.

Works to multiply the efforts of all team members.

PROFESSIONAL EXPERIENCE

Cisco

Nov 2023 - Present

Software Engineer

- Work on the installer component of NX-OS dealing with enhancements, bugs and high priority security deployments which affected multiple releases.
- Investigating and debugging patch installer issues for NX-OS.
- Lead the enhancement of internal developer patch tools for NX-OS, this resulted in a significant decrease in support requests from the users.
- Organized and delegated tasks with team members.

Dell Technologies

Aug 2019 - Nov 2023

Software Engineer

ThinOS 9.x

- Developed code for Unix/Linux kernel and application software.
- Audio device driver development which Involved new platform and feature support.
- Lead devops initiative to build the product from End to End (Yocto).
- Works in a Team that consists of members from multiple different time zones.
- Contributed documentation to help knowledge sharing between teams.
- Contributed to customer issue resolution that involved sales of thousands of units.
- Experienced on the following technologies: WebRTC, VPN daemon, electron nodejs based GUI enhancements.

ThinOS 8.x

- System Library development. (Smart-card, SSL Cipher upgrades).
- Kernel and device driver development (File-system, Audio, Windowing), debugging and feature enhancements.

True Blue India Ltd.

Aug 2018 - Aug 2019

Software Engineer

- Involved in various software products of Dell Wyse related to Windows Embedded Standard.
 - Contributed to innovative product development.
 - Software maintenance, Debugging C# and NodeWebkit Applications.
 - Static Code Analysis on C# & NodeWebkit applications.
 - Developed on a Python django based Web application.
 - Developed a Downloader application using Qt and Python3.
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EDUCATION

Bachelor of Technology · 2018

Majors: Computer Science and Engineering

Sikkim Manipal Institute of Technology · Sikkim, India

EXTRACURRICULAR ACTIVITIES

Graphic Designer

Sikkim Manipal Institute of Technology

Editorial Board

Director of Research

Sikkim Manipal Institute of Technology

SMIT Model United Nations

SKILLS & TECHNOLOGIES USED

C/C++, Python, Javascript, Unix/Linux, Git, Gerrit, hosting VPNs, Pleroma, Ghost, NGINX reverse proxy, Docker CI/CD, TDD, Agile, Data Structures & Algorithms, Open Source integration