
LINUX KERNEL DEVELOPER RESUME

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Career Goal:

To be a part of your esteemed organization as a Linux Kernel Developer and aid in organizational growth owing to my skills in Linux, C, HTTP, SMTP, RPC, DHCP and JTAG.

Technical Skills:

Sound technical knowledge of programming languages:

- C, C++
- Java
- Python

Immense potential to utilize software tools:

- Visual Studio
- Eclipse
- Protel, Proteus

Solid understanding of networking protocols:

- HTTP, HTTPS
- SMTP, SMB
- TFTP, SNMP

Familiarity with tools and technologies:

- V4L, X11
- Alsa
- OpenGL

Proficient in Linux management:

- Kernel API
- Device drivers
- Programming interface

Thorough with various Linux distributions like:

- Red Hat
- CentOS
- Ubuntu

Adept in developing Linux:

- Modules
- Drivers
- Patches

Vast abilities to:

- Evaluate, describe and rectify errors in complicated software and hardware environment
- Interpret information security practices

Relevant Experience:

Linux Kernel Developer
Bloomberg L.P.
January 2012 – Present
Colorado Springs, CO

- Worked on Xen and QEMU and evaluated gaps in Linux Kernel and other drivers.
- Created and maintained documents for further QA and other functional needs.
- Designed, developed and integrated various WLAN products and releases.
- Enhanced and optimized performance on Linux Kernel Driver, Dongle firmware and OneDriver architecture.
- Participated in software enhancements, meetings and other processes.
- Documented entire software development cycle for further reference.

- Rectified coding and performance gaps in drivers on various platforms.
- Improved performance and procedures on functional documentation.

Linux Kernel Developer
Sasken Communication Technologies
November 2010 – January 2012
Santa Clara, CA

- Networked with software engineers and managers on Cavium products.
- Developed new software based on Cavium hardware and software tools.
- Designed, supported and maintained existing tools and developed RFCs.
- Derived path and helped in navigation of current applications to OCTEON.
- Developed and innovated new IPC mechanisms such as kernel x userspace.
- Installed and debugged all Power Management mechanisms.
- Supported and optimized protocol stacks and other related platforms.
- Created, retained and ran legacy related applications processes and programs.

Educational Background:

Bachelor's Degree in Computer Science
Tarleton State University
August 2006 – May 2010
Stephenville, TX

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