



Full-Stack Developer (Linux)

Location: Waterloo, Ontario, Canada (Some remote work currently available but not permanent)
Full-Time Permanent

Company Description

Netsweeper is a leading provider of application and Internet content classification solutions for businesses, educational institutions, government organizations, service providers, carriers, and OEM partners around the world. Netsweeper's solutions supply IT managers with web security tools necessary to optimize network usage while providing all users with a positive, productive, and safe Internet experience. Founded in 1999, Netsweeper has offices in Canada, the UK, Netherlands, India, and Dubai, including integrators and resellers worldwide. Learn more at www.netsweeper.com

Job Description

Netsweeper is seeking experienced Linux Software Developers to join our Technology Organization. If you have worked with C as well as the LAMP stack, this is right up your alley.

The successful applicants would be focused on contributing towards the development of new features, bug fixes and support of our flagship network product, built on the CentOS Linux distribution.

The successful candidates must have excellent analytical skills with a knack to develop and troubleshoot custom Linux distributions and LAMP-based applications. You must have a willingness and ability to learn our tech stack and platform. You have a natural curiosity with Linux network development as well as utilizing opensource libraries. You understand how the internet works and how to capture and identify various protocols. When called upon you can blend front-end and back-end development to create new features or remedy a problem. You dislike bugs just as much as customers do. But you do not want to stop there because you thrive for opportunities to expand your development skills by becoming involved in our other development stacks (e.g. Android, Chrome, Windows, MacOS and iOS).

Essential Duties and Responsibilities

- Contribute as valuable member of a high performing development team
- Participate in the design, development, testing, and release phases of commercial quality products
- Participate and provide estimates during sprint planning
- Use your development prowess to deliver on your sprint tasks
- Distill complex technical topics or functionality to ensure understanding with QA, Technical Support Engineers, System Engineers, and other departments
- Document, create, and execute test harnesses
- Context switch when the need arises to work on tactical projects
- Write technical design documents for internal audiences
- Provide design insight on product usability

Technical Competencies

- B.S. or higher degree in Computer Science, Electrical Engineering, a related field, or equivalent work experience
- Ideally, 4 years of:
 - Linux (CentOS experience an asset)
 - Shell scripting
 - Rock solid C programming
 - Linux kernel programming, multi-thread programming, RPM packaging

- Solid understanding of POSIX and GLIBC
- Source control tooling (e.g. SVN, git)
- Ideally, 2 years of:
 - Solid understanding of MySQL (application integration, SQL programming)
 - Solid understanding of PHP (web development coding, scripting, web services)
 - Solid understanding of Apache (configuring, load-balancing, using with PHP, C, Perl or similar)

Serious Bonus Points

- Practical experience working within an agile framework (e.g. Scrum, Kanban)
- Solid understanding of internet and network technologies (DNS, firewalls, proxy servers, etc.)
- Experience with WebKit development
- Experience with client-based applications with a focus on the network stack
 - Windows, MacOS, Linux
- Experience with building applications for Chrome OS and Chrome extensions
- Experience with Java development

What We Offer

- Competitive salary and benefits
- A fast-paced always changing environment to learn and develop technical skills
- Financial assistance for job-related Professional Development activities
- Opportunity to work with talented colleagues on exciting software applications
- Casual, comfortable office environment in which to work

If you are looking for an opportunity to learn new skills and join a progressive, leading edge company, apply via careers@netsweeper.com today with your Cover Letter and Resume, and please include Salary Expectations*.

Netsweeper is committed to fostering an inclusive, accessible work environment, where all employees feel valued, respected, and supported. Netsweeper offers accommodation for applicants with disabilities as part of its recruitment process. If you are contacted to arrange for an interview or testing, please advise us if you require additional accommodation.