

Rohan Garg

Resumé

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Education

- 2008–Current **Bachelor of Technology**, *Maharshi Dayanand University*, Gurgaon, Electronics and Communication.
- 2007–2008 **C.B.S.E. Senior Secondary**, *D.A.V. Public School*, Gurgaon.
- 2005–2006 **C.B.S.E. Secondary**, *D.A.V. Public School*, Gurgaon.

Technical Skills

Operating Systems	Linux, Windows		
Programming Languages	C, C++, Python, Basic Javascript & Shell scripting	Markup Languages	Basic XML
Frameworks	KDE, Qt, QtQuick, SyncEvolution, Telepathy	Development Tools	CMake, qmake, emacs, gdb, git, cvs/svn, bzip, zsh, bash, KDevelop, QtCreator, Kile
Software Packages	qdbus/mdbus/gdbus, ssh, pbuilder, inkscape, docbook, L ^A T _E X	Certifications	Successfully completed Ericsson's EXCEL certification Program

Work Experience and Positions

- October 2011 – Current **libnice**, *Intern*, Collabora.
libnice is an implementation of the IETF's Interactive Connectivity Establishment (ICE) standard (RFC 5245) and the Session Traversal Utilities for NAT (STUN) standard (RFC 5389). Working on implementing dribble mode in libnice which allows for faster NAT Traversal
- May 2011 – August 2011 **Google Summer of Code 2011**, *Student Contractor*, Google.
Google Summer of Code is a global program that offers student developers stipends to write code for various open source software projects. It is a highly competitive summer job, where students are required to contribute real world open source projects. Their contributions are released under the open source licenses so that they may benefit everyone. I developed a GUI frontend for SyncEvolution using the KDE and Qt Frameworks

F/OSS Contributions

- April 2011 – Current **Telepathy KDE**, *Community Developer*, KDE, Bug fixes, Ux improvements.
Real time Communication has traditionally been a detached feature of Desktop Computing, provided via stand-alone Instant Messaging clients with poor integration into the desktop experience. One of the primary goals of the KDE 4 series is to tighten integration between different components of the environment. The Realtime Communication and Collaboration (RTCC) project aims to tackle just this.

- September 2010 – Current **Project Neon**, *Maintainer*, Kubuntu, Revived Project Neon for Kubuntu along with 2 other developers making use of Launchpad's new feature for daily builds.
Project Neon is a nightly build of the latest KDE trunk. It is an easy way for new contributors to KDE to get started without having to build the entire KDE-SVN tree and maintain the checkout. Additionally, dependencies are automatically handled and updated. This is suitable for new developers, translators, usability designers, documenters, promoters, bug triagers etc
- July 2010 – April 2011 **rekonq**, *Community Developer*, KDE, Adding support for multiple protocols, Bug triaging, Initial docbook.
rekonq is a web browser based on WebKit and the KDE technologies. Its aim is to integrate nicely in the KDE desktop while providing a lightweight experience.
- August 2008 – Current **Kubuntu**, *Community Developer*, KDE Packaging, fixing build failures, licensing, & bugs.
Kubuntu is an operating system built by a worldwide team of expert developers. It contains all the applications you need: a web browser, an office suite, media apps, an instant messaging client and many more.

Publications

- July 2010 – September 2011 **Livewire**, *Student Editor*, Livewire is the departmental magazine for the ECE branch in ITM.
Published multiple articles in 2 editions of the magazine, including (but not limited to) articles on Cloud Computing and the Third Generation(3G) of mobile networks

Talks and Travels

- October 2011 **Google Summer of Code Documentation Sprint**, *Googleplex, California*.
Authored a book that guides the reader through the steps of contributing code back to KDE
- August 2011 **The Desktop Summit**, *Berlin*.
- March 2011 **Project Neon - Make your PC dazzle with neon lights**, *conf.kde.in, Bangalore*.
How to use Project Neon to develop KDE/Qt applications
- October 2010 **Lightning Talk - Project Neon & Launchpad**, *UDS-N, Florida*.
A talk on how Project Neon is utilizing Launchpad daily build recipes to build trunk KDE Packages

Interests and Hobbies

- Deploying Linux based operating systems on x86/x86_64/ARM based devices
- Deploying PIM sync solutions on multiple devices
- Developing Telepathy-Qt based Instant Messaging solutions
- An avid reader on technology, fiction and non-fiction books and websites, some of my favorite authors being John Grisham & Christopher Paolini

Languages

- Hindi **Native**
English **Fluent**