

Pranav Kant

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EDUCATION

2011- MAY 2015 **Bachelor of Technology in Computer Science & Engineering**
National Institute of Technology Hamirpur, CGPA: **7.38/10**

MAY 2011 Class XII from DAV Mandi, HP (CBSE), % **obtained: 88.6**

MAY 2009 Class X from DAV Mandi, HP (CBSE), % **obtained: 91.6**

SKILLS

LANGUAGES: C, C++, Javascript, L^AT_EX, Python, Ruby, Java
SOFTWARE: MySQL, postgresQL , Git, MongoDB, Redis, Neo4j, Postfix, Dovecot
 Apache, Emacs, Vim, Netbeans, Eclipse
DESIGN: Adobe Photoshop, GIMP, Inkscape, Adobe Flash
WEB: Nodejs, Django, Ruby on Rails, Jquery, Flask
MISCELLANEOUS: Amazon Web Services, GTK+, GLib, GObject, Cairo, OpenGL, Metasploit

OPEN SOURCE

<i>GNOME</i>	<i>GNOME Developer</i>
JAN 2014 - PRESENT	GNOME Foundation Member; both upstream and downstream (Fedora) contributions; several features and bugfixes; GSoC 2014
<i>Libreoffice</i>	<i>GSoC 2015 - Improving and integrating LibreOffice with GNOME</i>
FEB 2015 - PRESENT	opengl tiled rendering support to LibreOffice API; GObject widget, gobject-introspection; currently integrating with gnome-documents
<i>Fedora</i>	<i>Fedora Packager</i>
OCT 2014 - PRESENT	active in fedora devel; maintaining, reviewing, and testing packages
<i>Mozilla</i>	<i>Contributions to necko group</i>
JAN 2014 - PRESENT	Exposing raw data on UDP Sockets

CONFERENCES AND TALKS

<i>GUADEC</i>	GNOME Conference – Strasbourg, France
July 2014	• Talk on “Browsing DLNA Media Servers”
<i>FUDCon</i>	Fedora Conference – Pune, India
July 2015	• Talk in main track on “Automating UI testing” • Barcamp talk on “Integrating Libreoffice with your applications”
<i>GUADEC</i>	GNOME Conference – Gothenburg, Sweden
August 2015	• Main track on “Integrating Libreoffice with GNOME”
<i>LibOCon</i>	LibreOffice Conference – Aarhus, Denmark
September 2015	• Invited to participate and share idea among other LibreOffice developers

PROJECTS

<i>Startup attempt</i> May - Aug 2012	Online travelling portal Travel recommendations based on user provided natural language; POI, weather data; distance and time travel data via various modes of transportation between different cities. tags: nltk, django, redis, data scrapping, flask(api), OSRM
<i>Biometric Auth</i> Aug - Oct 2013	Fingerprint authentication Platform Next generation secure login system using fingerprint authentication. tags: NBIS, flask, reverse-engineering
<i>gluPaste</i> Dec 2012	Pastebin Online pastebin to share code snippets tags: PHP, codemirror
<i>cPortal</i> Jun 2013	College Information Portal Online portal for college activities - digitalized class schedule, notices; also provided public API for developers to write applications for various platforms tags: Ruby on Rails, Android
<i>Spatial Computing</i> Aug 2014 - May 2015	Dataflow Computer Architecture Simulation of a new dataflow-based computer architecture, generation of dataflow binary from LLVM's generated CFG; potential to increase parallelism by several folds; IEEE research paper pending tags: LLVM, dataflow graphs, control-flow graphs, C++
<i>Sentimental Analysis</i> Dec 2014	Sentimental Analysis of sentences in Hindi Language Analysis of results of Sentimental analysis of Hindi sentences using Naive Bayes Classifier to tell their polarity (positive, negative, neutral)

HONORS AND CERTIFICATES

JULY 2013	Found major security vulnerabilities on college server a serious SQLi, and a XSS vulnerability certificate of appreciation for reporting the vulnerabilities.
2013-14	Coding competitions winner first place in various coding competition in college.

ACTIVITIES

May 2012-2015	Sysadmin and Club lead at <i>GNU/Linux User Group - glug.nith.ac.in</i> Maintained one of the few Ubuntu, Fedora, BOSS, GNU, kernel.org, LinuxMint, LDP mirrors in India; installed and maintaining a full-fledged mail server.
May 2014	Sysadmin and Club lead at <i>Computer Science society - csec.nith.ac.in</i>
2013	Club lead at <i>Codechef Campus Chapter, NIT Hamirpur</i> established and led Codechef campus chapter in college to create a competitive environment.
2011-12	Member at <i>Pixonoids, NIT Hamirpur</i> member of photography and design club; possess basic know-how of photography, designing, and flash animations.