

Pranav Kant

PERSONAL DATA

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EDUCATION

2011- MAY 2015 **Bachelor of Technology in Computer Science**
National Institute of Technology Hamirpur
CGPA: 7.3/10

MAY 2011 Class XII from DAV Mandi - HP (CBSE)
Percentage obtained: 88.6

MAY 2009 Class X (Matriculation) from DAV Mandi - HP (CBSE)
Percentage obtained: 91.6

SKILLS

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

OPEN SOURCE

JAN 2014 - PRESENT	<i>GNOME</i> <i>GSoC 2014 - Browse DLNA Servers</i> <i>GNOME Foundation Member</i> Various major, minor contributions, and bugfixes to many GNOME modules <i>GUADEC - 2014</i> attended GUADEC - 2014 in Strasbourg, France; volunteer; and lightening talk on GSoC project
JAN 2014 - PRESENT	<i>Mozilla</i> <i>Contributions to necko group</i> Worked on exposing raw data on UDP Sockets <i>Firefox Student Ambassador and Club lead</i> Have conducted various big and small events, alongwith Mozilla representatives in college.
OCT 2014 - PRESENT	<i>Fedora</i> <i>Package reviews</i> Have been doing various package reviews periodically; hope to be packager soon.
FEB 2015 - PRESENT	<i>Libreoffice</i> <i>Small contributions</i> Few bug fixes to libreoffice

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 Implementing a new computer architecture based on dataflow and wavescalar architecture, generation of dataflow binary from LLVM's generated CFG; potential to increase parallelism by several folds; 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 got first place in various coding competition held in our 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.