

Himanshu Dixit

SOFTWARE ENGINEER · UX DESIGNER

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I am an analytical problem solver and team leader with critical thinking, with the ability to work individually and in a team as well.

Experience

Google Summer Of Code Developer

May. 2017 - Aug. 2017

SOFTWARE DEVELOPER - DRUPAL

- Integrated OAuth2 protocol framework library LeagueOAuth and developed more streamlined authentication process. Implemented secure way of storing user data using Open SSL.
- Developed Implementer for Social Auth And Social Post. Extended base modules so the base modules can be extended and wrapped for additional functionality.

Oppia

Mar. 2017 - Currently

PROJECT LEADER

- Working on a simplified version of exploration editor using angular by interacting with exploration service. Responsible for Team management, Code review and new developer on boarding.
- With Simple editor, new creators discovering Oppia for the first time should, within 30 minutes, be able to successfully create and publish an exploration.

Drupal

Jan. 2017 - Present

CORE DEVELOPER

Jaipur, India

- Fixed 13 core issues for Drupal. Involved in fixing one security advisory coverage application.

discoveri.xyz

July. 2016 - Sep. 2016

PRODUCT ENGINEERING INTERN

- Designed and created machine readable code which could contain alpha numeric data up to 16 characters.
- Created a generator for windows and used OpenCV in Android to detect generated code using scanning app.

Shoprang

Jan. 2016 - May. 2016

COFOUNDER

- Founded a platform with which user can compare the prices of products and suggested the offer with better saving options.
- Wrote multi-threaded smart Python crawler deployed on Google cloud platform. Used bloom filter to keep check during crawling. Developed the Progressive hybrid app written using Polymer 1.0..

Jaipur Engineering College And Research Center

Jan. 2017 - Apr. 2017

TEACHING ASSISTANT - WEB DEVELOPMENT

- Developed, administered and corrected assignment in a timely manner. Coordinated with school tutoring hours with teachers to help students in need of extra attention.

Hackslash, Programming and Coding Club

Aug. 2016 - Present

PRESIDENT

- Worked on promoting Programming and Open Source culture among students within college by organizing hackathons, workshops and other activities. Managed a team of 20+ students.

Education

- Currently in 3rd Year.

Projects

- Apr. 2017 **Bezel Online Judge**, Created an Online judge written which could run 5 languages and Integrate MOSS for plagiarism detection in code submitted.
- July 2016 **Tapnar**, Created a video editor written in JavaScript which allowed users to add interactive elements such as text, stickers, filter, etc. to the loping video.
- July 2017 **News Feed Killer**, Created chrome extension to limit the use of Social networking site.
- July 2015 **Fighter Jet VR**, Developed a VR game which received more than 32,000 user downloads and Implemented UDP protocol and implemented web sockets in node.js for multiplayer
- Oct. 2014 **Media Share Responsive Share Plugin**, Created a Wordpress and Drupal plugin written in JS and PHP to allow user to share interactive media on web page to social media platform.

Skills

Platforms	Mac OS, GNU Linux, Windows
Languages	Javascript, Python, C, C++, R, Java, PHP
Frameworks	Django, Polymer, Angular, NodeJS, ReactJS
DBMS	MySQL, MariaDB
VCS	GIT, SVN
Other	LATEX, Unity, Algorithms, Data Structures, Operating System, Regular Expression, IOT, Cloud, Docker, Vagrant
Technical Interest	Open Source, Machine Learning, Data Science, Blockchain, Cryptocurrency, Data Analytics, A/B Testing, VR/AR, Web Application

Honors & Awards

- 2012 **Gold Medal**, National Cyber Olympiad

Talks and Presentation

FOSSASIA GSoC Meetup

Jaipur, India

ORGANIZED AT LNMIIT JAIPUR

Aug. 2017

- Implementing OAuth2 Login library the league as Part of Social Initiative in Drupal.

Writing

- Dec. 2013 - Aug. 2016 **Brutable**, Developed Website to curate visually viral stories. Created a program to recommend changes to story title by based on share ability index based on published studies.
- Sep. 2013 - Feb. 2015 **Hangup**, Drafted and wrote article about latest IT trends and interactive tutorials for programming.

Program Committees

- Oct. 2017 **Web Developer**, PyConf Hyderabad
- Nov. 2017 **Volunteer**, PyCon India 2017
- Mar. 2017 **Organizer**, Subito - Inter college Hackathon.
- Feb. 2017 **Web Developer**, Renaissance 2017, Annual Technical College Festival