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Srijan Agarwal

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Work Experience

- 2016 Dec - **Product Engineering Intern, Scapic** - Responsible for handling the product of the web-based cloud editor for Virtual Reality/Augmented Reality. Scapic is a simple content tool for creating and exploring Virtual Reality and Augmented Reality experiences. Technology stack used: Front-end - ReactJS, Back-end - NodeJS
- 2017 Mar
- Aug 2016 - **Core Developer, WikiToLearn** - Responsible for maintaining and implementing OfflineExtension. Also responsible for promo activities for WikiToLearn India. Technology stack used: Front-end - JavaScript, Back-end - PHP
- Present
- 2016 Dec - **Web Developer Intern, Wishfie** - Responsible for creating blog platform from scratch. Technology stack used: Front-end - ReactJS, Back-end - NodeJS
- 2017 Jan
- April 2016 - **Developer Advocate, ThinkFOSS** - Responsible for acting as a steward of open-source projects that ThinkFOSS starts or sponsors, including performing code reviews, contributing code to the project, and helping drive the direction of that project. Being a consultative source of information for developers within the company to help them understand the importance of the projects to which they are assigned and the role that open-source plays within it.
- Present
- 2016 Nov - **Mentor, Google Code-In** - Responsible for mentoring students for WikiToLearn in Google Codein.
- 2017 Feb
- May 2016 - **Student Developer, Google Summer of Code** - Built a MediaWiki extension from scratch that adds offline support to the current WikiEditor in WikiToLearn. This extension notifies the user's internet connectivity status and if submitted while offline, will parse WikiText Markup format to HTML using Regular Expression, and render it. Technology stack used: JavaScript, jQuery, PHP and MediaWiki Extension Development.
- Aug 2016

Education

- 2015 - 2019 **Bachelor of Technology in Computer Science Engineering, Amrita Vishwa Vidyapeetham, Amritapuri.**
Currently in 3rd Year

Technical Interests

Open Source, Web Applications, Algorithms, Machine Learning, Virtual and Augmented Reality, Big Data and FinTech

Open Source Contributions

WikiToLearn - I've been contributing to Open Source for the past one and a half year with WikiToLearn community.

MediaWiki - My contributions towards Mediawiki includes bug fixing in Wiki and Visual Editor.

Skills

Platforms	GNU Linux, Macintosh, Windows
Languages	HTML, CSS, JavaScript, Python, C, Java, PHP
Frameworks	ReactJS, NodeJS, Angular JS, Django
DBMS	MongoDB, MySQL
Graphics	Photoshop
VCS	Git, Mercurial
Others	L ^A T _E X, Data Structures, Algorithms, Operating Systems, Raspberry Pi, Regular Expressions, Vagrant, Docker

Projects

- May 2017 **SharedTextbox** A naive implementation of Operational Transformation algorithm for collaborative editing.
- Apr 2016 **OfflineExtension** MediaWiki Extension that adds offline support for the Wiki source editor in WikiToLearn.
- Nov 2015 **ShareAssignment** Web application based on Python and Django framework. This apps will help students in sharing and learning from other students and quickly completing their assignments.
- Jan 2016 **Welcomer** Chrome extension that welcomes user with current time and weather whenever a new tab is pressed.

Talks and Sprints

- March 2017 **FOSSASIA Summit'17, Singapore** Selected as a speaker for a talk for delivering a talk on 'Bringing Academia to the Internet Era'.
- March 2017 **KDE India Conference, IIT Guwahati** Selected as a speaker to deliver a talk on 'How to contribute to WikiToLearn'.
- Jan 2017 **WikiToLearn India Conference, The LNMIIT Jaipur** Co-organizer of the conference and spoke about my journey with WikiToLearn.
- Nov 2016 **FUDCon APAC 2016, Cambodia** Selected as a speaker to deliver a talk on 'How WikiToLearn is bringing academia to this Internet Era'.
- Oct 2016 **MediaWikiToLearn Hackathon, Amrita University, Amritapuri Campus**
- Sept 2016 **MediaWiki Hackathon, BITS Pilani, Hyderabad**