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Srijan Agarwal

I am a highly motivated innovative thinker and an initiative taker with strong logical and analytical skills, with the ability to work individually as well as in a team.

Work Experience

2017 Mar - Present **Software Engineering Intern, Typeset** - Responsible for implementing Operational Transformation collaborative editing algorithm for the Typeset editor. Typeset is a collaborative platform for researchers to create, publish and consume research content. Technology stack used: JavaScript

2017 Jan - 2017 Mar **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 Jan **Web Developer, SuperText** - Responsible for designing, coding and modifying supertextnow.com from layout to function. Technology stack used: HTML5, CSS3 and JavaScript

Aug 2016 - Present **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

2016 Dec - 2017 Jan **Web Developer Intern, Wishfie** - Responsible for creating blog platform from scratch. Technology stack used: Front-end - ReactJS, Back-end - NodeJS

April 2016 - Present **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.

2016 Nov - 2017 Feb **Mentor, Google Code-In** - Responsible for mentoring students for WikiToLearn in Google Codein.

May 2016 - Aug 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 Expressions, and render it. Technology stack used: JavaScript, PHP and MediaWiki Extension Development.

Education

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

Technical Interests

Open Source, Web Applications, Data Analytics, A/B Testing, Machine Learning, VR and AR, and Distributed Systems.

Skills

Platforms	GNU Linux, Macintosh, Windows
Languages	JavaScript, Python, C, Java, PHP
Frameworks	ReactJS, NodeJS, AngularJS, Django
DBMS	MongoDB, MySQL
VCS	Git, Mercurial
Others	LaTeX, Data Structures, Algorithms, Operating Systems, Raspberry Pi, Regular Expressions, Cohort Analysis, Vagrant, Docker, Socket.io, RPC, Zapier, Hubspot

Projects

July 2017 **ShopkAR** An Augmented Reality camera app to help consumers virtually buy a range of products from groceries to accessories.

June 2017 **StockBot** An intelligent facebook messenger bot which suggests user about pros and cons of investing in shares of a specific company.

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.

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'.