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# Prakhar Sapre

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<https://github.com/prakhar10>

## Education

|   |                                      |
|---|--------------------------------------|
| <b>Master of Science in Computer Science</b><br>The University of Texas at Arlington, Texas, USA                                | <b>Dec 2019</b>                      |
| <b>Bachelor of Engineering in Computer Engineering</b><br>University of Pune, Pune, India. Result: First Class with Distinction | <b>May 2014</b><br><b>GPA - 3.30</b> |

## Work Experience

|  |                                   |
|--|-----------------------------------|
| <b>Software Engineer at L&amp;T Infotech</b>   | <b>February 2015 to June 2017</b> |
| <ul style="list-style-type: none"><li>• ASPEN(Asset Servicing and Platform Engineering) is a web application that deals with Corporate Actions and Securities Event Management</li><li>• Developed a test harness to generate sample XML messages and push on Tibco EMS queues</li><li>• Reduced time of processing by implementing Batch processing for multiple files from source system</li><li>• Implemented cron jobs to monitor and consume files from source system</li><li>• Defect analysis, resolving technical blockage and automation testing using selenium</li></ul> |                                   |

## Academic Projects

|   |                                 |
|---|---------------------------------|
| <b>Grocery Planner - Android app for grocery planning:</b>  | <b>September 2017 - Present</b> |
| <ul style="list-style-type: none"><li>• Developing an application that helps users plan their grocery lists within a collaborative environment</li><li>• Designed and developed application architecture</li><li>• Worked on creating UML diagrams and requirement gathering</li></ul>  |                                 |
| <b>Autovrsion - A GIT based version control system in Ruby:</b>   | <b>May 2014</b>                 |
| <ul style="list-style-type: none"><li>• Developed an automatic version control system using GIT libraries that monitors a given directory and maintains revision history of creation, modification and deletion of files in it</li><li>• Worked on design and implementation of business logic</li><li>• Worked on creating the architecture and UML diagrams</li></ul> |                                 |

## Languages and Technologies

- Java (Preferred language), Ruby (Beginner), HTML5, CSS3, Javascript, Android
- Frameworks - Spring, Hibernate, Bootstrap, Google Web Toolkit
- Database - Oracle 11g, MySQL
- Tools - Eclipse, JIRA, CodeCollaborator, Autosys, Jenkins
- Subversion(SVN), GitHub, BitBucket

## Achievements and Key positions

- Published research paper titled "GIT Integrated file system in Ruby" in International Journal for Computer Science and Management Research (ISSN: 2278-733X, conference paper for eETECME 2013)
- Open sourced the final year project called "[Autovrsion](https://github.com/prakhar10/Autovrsion)" and uploaded on [www.rubygems.org](http://www.rubygems.org). Number of downloads : 4879
- Awarded as "Achiever of the Month" in January 2016 at L&T Infotech