

Prakhar Sapre

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EDUCATION

Master of Science in Computer Science at The University of Texas at Arlington, USA

May 2019

Courses - Design and Analysis of Algorithms, Software Engineering, Artificial Intelligence, Web Data Management, Neural Networks, Cloud Computing, Data Analysis and Modeling, Distributed Systems

Bachelor of Engineering in Computer Engineering at University of Pune, India

May 2014

SKILLS

- Languages: Java(Preferred), Python(Beginner), HTML5, CSS3, Javascript
- Frameworks: Spring, Hibernate, MapReduce, Apache Spark, Bootstrap, Android, Codeignitor
- Database: Oracle 11g, MySQL, Firebase Realtime Database
- Tools: JIRA, CodeCollaborator, Autosys, Jenkins
- Version control: Git, GitHub, BitBucket

WORK EXPERIENCE

Software Engineer at L&T Infotech

February 2015 to June 2017

- Developed a **test harness** to generate sample **XML** messages and push on **Tibco EMS queues** using **Spring MVC**
- **Reduced time of processing** to less than **5 seconds** for approximately 5,00,000 records by implementing **Batch processing** for multiple files from source system
- Worked on various **middle tier services** and implemented an **adaptor** between the source system and the application to fetch and process data
- Implemented **Cron jobs** using **Quartz** to monitor and consume files from source system which helped in automatic consumption and processing of files
- Implemented **housekeeping jobs** using Autosys tool which facilitated deletion of stale data and improving memory use
- Defect analysis, Defect fixing, resolving technical blockage and automation testing using selenium

PROJECTS

Sentiment Analysis of Cryptocurrencies in Twitter :

Dec

2018

- Developed a system to find the most talked about cryptocurrencies on Twitter that can help users understand which cryptocurrencies are most popular among people on twitter.
- Performed fetching data from Twitter API, cleaning data to extract the tweets.
- Used **Stanford Core NLP library** to find out **sentiment polarity of around 10,000 tweets** for 5 cryptocurrencies and ranked them according to their final polarities.

Item Finder:

May 2018

- Designed and developed a web app that lets users find the items in their house using **Php and Codeignitor**
- Implemented a **frequently used items feature** to help users find mostly searched items using **AJAX**
- Developed **activity center feature** to notify users about updates happening in the house
- Developed an **Approval system** to ease updations to the inventory

Grocery Planner - Android app for grocery planning:

Dec 2017

- Developed an application that helps users plan their grocery lists within a collaborative environment
- Implemented product scanning feature using **Walmart API** and **Google Vision API**
- Real-time updates to users using **Firebase realtime database** and user statistics using MPAndroidChart library
- Implemented expense splitter, personal lists functionalities

ACHIEVEMENTS AND AWARDS

- Open sourced the final year project called "[Autovrsion](#)" and uploaded on www.rubygems.org. Number of downloads : 5634
- Awarded as "Achiever of the Month" at L&T Infotech.