

HUZEFA DARGAHWALA

(812)-369-7363 | huzefa.me | dargahwalahuzefa@gmail.com | www.linkedin.com/in/huzefadargahwala

EXPERIENCE SOFTWARE ENGINEER SEARS HOLDINGS CORPORATION FEBRUARY 2016 - PRESENT

Java, Python, Spring Boot, Dropwizard, MongoDB, Apache Solr, TestNG, Mockito, Jenkins, Swagger, Microservices

- Improved search relevancy by implementing Nested Documents for Solr Indexer
- Developed a patch for Apache SolrCloud
- Redesigned live relevancy components into micro-services using Spring Boot to decouple code and decrease in processing time
- Developed RESTful web services which helped monitor production environment and debug relevancy issues
- Architected and developed an Automated Relevancy Test Pipeline that quantitatively measures search relevancy for top keywords. Leveraged Mechanical Turk to get the data labeled
- Designed and developed a refactor testing framework for easily redesigning the indexing service without any risks or regressed bugs
- Redesigned the document indexing process for a data store and integrated it with existing component which led to a decrease in indexing time
- Proactively introduced Code Reviews as a team practice
- Coaches interns and new talent embarking the team

SOFTWARE ENGINEER, INTERN SEARS HOLDINGS CORPORATION MAY 2015 – AUGUST 2015

Java, Python, Spring, Jenkins, AngularJS

- Designed and developed an extensible search support framework which dramatically boosted productivity
- Constructed a web UI for distributed process monitoring and data center monitoring
- Created a chrome extension for easy search query debugging

EDUCATION INDIANA UNIVERSITY BLOOMINGTON 2014 - 2015

Master of Science in Computer Science GPA: 3.96 / 4.0

Focus: Information Retrieval, Distributed Systems, Machine Learning, NLP

UNIVERSITY OF MUMBAI 2010 - 2014

Bachelor of Engineering in Computer Science GPA: 3.5 / 4.0

SKILLS Languages: Java, Python

Web: Spring, SOA, REST API, Dropwizard, HTML / CSS, PHP / MySQL, AngularJS, Swagger

Data: Solr, Lucene, MongoDB

Other: AWS, Kafka, Git, Jenkins, TestNG, Mockito, JMeter, JConsole, Agile, Zookeeper, DevOps, Continuous Integration, Automation, JIRA, Android, Docker

PERSONAL Android app for Crowd-sourced Car Parking in Metropolitan Cities

- PROJECTS**
- Hands-on approach to learn Android and also deliver a quality project under strict time constraints
 - Exhibited leadership and system design skills

Super Lightweight Inventory Management System for my school

- Gained first hand experience in learning PHP / MySQL with HTML / CSS
- Made the lives of inventory managers much easier by reducing book keeping efforts

Recipe Rating prediction using Machine Learning and NLP

- Employed LDA for topic generation to use as features in Naïve Bayes & Logistic Regression models

Sentiment Classification of Movie Reviews

- Decision Trees, Logistic Regression, Naïve Bayes models evaluated on a Bag-of-words feature model