

## Dhrumil Shah

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### PROFESSIONAL SUMMARY

#### Zersey | Full Stack Developer

Jan 2016 – Dec 2016

- Designed and developed Web based modules for the industry in CodeIgniter Framework.
- Thorough testing of other modules and collaborating them with existing modules.
- Analyzing traffic for the website and implementing SEO techniques for the same.

#### Aim2Excel | Web Developer Intern

Sept 2015-Dec 2015

- Developed back-end functionalities for an affiliate marketing website developed in WordPress.
- Developed on Online platform for shipping labels and integrated bitcoin payment gateway for purchasing the labels developed in Magento.
- Worked in Back-end development of social networking platform developed in WordPress.

#### Reliance Industries | Summer Intern

May 2014-July 2014

- Analyzed the server systems operational in the Campus's Management Information Department.
- Consolidated Data Warehousing Approach on the SQL server for analyzing MOLAP data cubes.
- Devised statistical data analysis and box diagram representations for software development life cycles.

### PROJECTS

#### Data Visualization and recommendation for Dognition.com in Tableau

Jan 2015- March 2015

- Analyzed 80K+ user's data to understand dropout behavior and determine ways for users to fully engaged
- Consulted a recommendation for business process change to their operation management team
- Advice for implementing a system for increasing total number of tests completed by user by 10% at quarter end

#### Business Data Warehousing

May 2015 – July 2015

- Engineered an SSIS system through SQL server data tools to analyze a scaled data warehouse for employee data
- Performed parallel analyses on MOLAP cubes in MS Excel and in SSAS and R Studio to achieve optimization
- Visualized cubes in SSAS along with simultaneous visualization in TABLEAU and Pentaho web platform

#### Algorithmic Trading

Aug 2015 – Nov 2015

- Studied the past and present behavior of the stocks of various companies. Based on the study, Predicted the future stock value of those companies.
- **Models Implemented:** Sequential Chart Pattern Modelling, Fragment Based Mining, Ordinary Least Square

### TECHNICAL SKILLS

**Programming Language:** JAVA, PHP, JavaScript, SQL

**Tools:** Excel, SAS EM, SQL Server, Hadoop, Pentaho, Eclipse, R Studio, phpMyAdmin, GitHub

**Databases:** MySQL, MongoDB

**Software Packages:** Pandas, Tableau Desktop, SSIS, SSAS, Hadoop, Apache Spark, SAS Enterprise Miner

### OTHER ACHIEVEMENTS

- **Free Code Camp Front End Development Certification**  
<https://www.freecodecamp.com/dhrumil1808/front-end-certification>

### EDUCATION

- **Masters in Software Engineering – San Jose State University**

(Jan 17– Present)

Enterprise Distributed System; Software Systems Engineering; Enterprise Software Platform;

- **Bachelors in Information and Communication Technology – DA-IICT**

(Jul'12 - May'16)

Data Structures and Algorithms; Database Management System; Operating Systems; Web and Data Mining