

## BHUSHAN KAKASAHEB DESHMUKH

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### ACADEMIC BACKGROUND

**San Jose State University, San Jose** | M.S. in Software Engineering  
**University of Mumbai, Mumbai** | B.E. in Information Technology

August 2016 –Present  
July 2008 - May 2012

### EXPERIENCE

#### YADA (Yet Another Data Analytics Company), MUMBAI

January 2016 – June 2016

- Co-founder of the company, idea was conceived as the part of interest in Big Data Technologies.
- Conceptualized, designed and developed (Code-rectifier) to improve habits of programmers. A program to analyze the pattern of mistakes repeated by coders and developing training methods to help them improve their coding capabilities. (HDFS, PIG, MapReduce, MEAN, Azure)

#### IGATE, MUMBAI

July 2013 – July 2015

#### GENERAL ELECTRIC (Schenectady)- Senior Software Engineer

- Developed Chart of accounts and maintenance data processing module. It was responsible for automating the data processing to manage expenditure, finances, revenues and assets.
- Involved in development of Enterprise application modules for disbursement.
- Migrated an enterprise application from Struts 1 framework to Struts 2 within 1/3 of estimated timeline.
- Lead Knowledge management team for General Electric Healthcare Business Unit.

### ACADEMIC PROJECTS

#### Automatic Attendance System (Python Django, Raspberry Pi 3, JS, Angular JS, Android, AWS, MongoDB)

- Developed a Python Django app to trigger automatic attendance of an individual who comes inside the BLE area. Application can be expanded to be used at various scenarios (e.g. airports, movie theaters) so as to speed-up the check-in process.

#### Age of Spartans (Java, AWS, Docker, Restlet, MongoDB, waffle.io, Jenkins)

- Developed a game based on “Minimal Spanning Tree” using 5 design patterns in Java.

#### Cross-domain marketplace (PHP, JQuery, Bootstrap, HTML5, MySQL, cURL)

- Developed a common marketplace which communicated with other three websites to maintain business logic including product information, reviews, ratings.

#### Expense Management System -RESTful distributed application (Python Flask, MySQL, Docker, Redis, Alchemy API )

- A RESTful scalable, fault tolerant and containerized application developed using different types of hashing methodologies, circuit breakers and Docker.

#### Car Customization Portal (PHP, MySQL, JQuery, JavaScript, CSS, Google map API)

- Developed an e commerce application called “Car customization Portal” a platform which finds the best possible dealer for customer and helps local dealers to improve their business.

### Technical Skills

Computer Languages	Java, Python, C++
Big Data Technologies	HDFS, YARN, MapReduce, Pig
Web	Node.js, Angular.js, HTML5, CSS, PHP, JavaScript, bootstrap, jQuery, JSON, XML, highcharts, D3.js
Frameworks	Python (Flask/Django/Scikit), Java (Struts/Spring)
Relational Data store	Oracle, MySQL, PostgreSQL
Tuple / Columnar / Document Stores	Redis, MongoDB,
Build tools	Gradle, Maven, Jenkins
Other	AWS, Docker, Alchemy API, Tableau, Selenium, Junit, REST API development, WEKA
Version Control	Github, Bitbucket, SVN, JIRA
Operating Systems	Android, Linux, Mac OS, Windows, CentOS, Ubuntu
SD Methodologies	SCRUM, LEAN, XP