

Siddharth Suthar

+1-510-458-8530 | <https://www.linkedin.com/in/siddharth.suthar053> | siddharth.suthar053@gmail.com

EDUCATION

San Jose State University, San Jose, CA

Jan 2017 – Dec 2018

Master of Science, Software Engineering

3.56 GPA

- Completed specialization in Cloud Computing and Virtualization with coursework in Enterprise distributed systems, Big Data and Machine Learning.

Nirma University, Ahmedabad, India

May 2010 – May 2014

Bachelor of Technology, Computer Engineering

3.53 GPA

- Completed coursework in Data Structures, Artificial Intelligence, Theory of Computation, Web Technologies, Distributed Systems

TECHNICAL SKILLS

Programming / Scripting: Python, UNIX Shell, Java, C, C++, R, HTML5, CSS, JavaScript, VBScript

Tools/Framework: Git, Eclipse/IntelliJ, Postman, PyCharm, R Studio, Express, Docker, ReactJS, AngularJs, REST, SOAP, ServiceNOW, KafkaQueue, Kong API gateway, OpenCV, AWS, IBM Bluemix, Spring, Elastic Search, TensorFlow

Databases: MongoDB, IBM Graph, Oracle 10g, MySQL

PROFESSIONAL EXPERIENCE

1. Software Engineer, INFOSYS Pvt. Ltd.

Nov 2014 – Nov 2016

Skills: VBScript, VMWare Horizon, PowerShell, ServiceNOW, JAVA, C++

Role and Responsibilities:

- Worked for client Harley-Davidson Motorcycles, part of the team responsible for maintaining their Intranet
- Successfully developed framework for **Automation** in **VBScript** and **reduced 25% manual** intervention
- Spearheaded an Automation Team for code changes, changes and peer reviews, responsible for fixing automation code bugs
- Used **ServiceNow** to keep the track of the issues faced by the users
- Mentored new joiners through **knowledge transfer sessions** for bringing them into the transition state
- Awarded with certificate of excellence for the Automation

2. Trainee/Intern, INFOSYS Pvt. Ltd

Jul 2014 – Nov 2014

Skills: UNIX Shell Script, Java, OpenCV, JavaScript, SQL, Spring

Role and Responsibilities:

- Developed a **Web Application** Employee Induction Tracker
- Automated** tasks like allocations of schedules, tracking and reporting on employee training and qualifications of the employees
- Developed the **FrontEnd** using **HTML5**, **JavaScript** and **BackEnd** in **Spring Framework**

PROJECTS

Dropbox Prototype

Sep 2017 – Nov 2017

- Created a **Distributed** and **Scalable** Dropbox prototype that has functionalities like File uploading, Sharing, Creating groups
- Implemented **RESTFUL** web services using **React**, **KafkaQueue**, **S3 bucket**, **NodeJS** and a combination of **MongoDB** and **SQL**.
- Source Code: <https://github.com/siddharthsuthar/MERN-Stack-with-kafka-Examples--Dropbox-calculator>

Predicting City Health Metric using Big Data (R Studio, Sparklyr)

Sep 2017 – Nov 2017

- Gathered data from open sources, performed **BigData Analysis** using **R**
- Created a display for visualizing metrics using **R** libraries
- Allows user to map their health statistics against a region to see suitability for living or moving
- Used Shape Files to generate maps with the density charts for hospitals and ailments with UI

Starbucks Prototype

Feb 2017 – Apr 2017

- Created a **REST** based **Multi-Tenant** order processing system on **AWS**
- Implemented it using **REACT**, **KONG API Gateway**, **AWS Loadbalancer**, **EC2** Instances and **AWS Auto Scaling**
- Source Code: <https://github.com/siddharthsuthar/Starbuck-Prototype>

Motion Control Wi-Fi Direct Game Development Kit

Jan 2014 – May 2014

- Designed Inter App communication framework to eliminate heterogeneity of Android smart phones of different versions
- Created gaming environment which allows developers to support multiplayer gaming and remote controlling by sensors available on smart phones

Intrusion Detection System

Jun 2013 – Sept 2013

- Detects access to the user's premises and notifies the user on his phone(android)
- Developed Intrusion Detection using **OpenCV** and **Video Streaming Module** using **VLC** media player

Implementation of Linux File System

Mar 2012 – May 2012

- Used **data structures** to implement directory, file and i-node table to better understand file system components
- Mapped the calls made by the access methods onto its structures