**ADITYA SINGH DIXIT**

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# SUMMARY\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Experienced business analyst with technical expertise and business acumen across multiple industries. Able to bridge gap between business and technology with experience in requirement gathering, data analysis and project delivery.

# TECHNICAL SKILLS\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **MODELING/ MOCKUP** | MS Visio, Justinmind |
| **PROGRAMMING LANGUAGES:** | Python, C++ |
| **REPORTING/ VISUALIZATION:** | Power BI, Tableau, MS Excel, MS Word, G Docs |
| **DATABASES:**   | MySQL, MongoDB, Oracle SQL |
| **TOOLS & IDE:** | JIRA, HP-ALM, JMP, RISC, MS Project |

# EDUCATION\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

## MS Business Analytics | California State University, East Bay, Hayward, CA May 2019

## B.Tech. Computer Science | Maharashtra Academy of Engineering, Pune, India May 2017

## EXPERIENCE\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**24 Hour Fitness USA, California** Jan 2020- May 2020

* Created dynamic records for all equipment and amenities across **422 clubs** and successfully **forecasted** maintenance budget.
* Extracted information using My**SQL** server and categorized **85%** of unknown records using **text mining** and **advanced excel**.
* Used **JMP** to identify data dependencies and accurately forecasted future expenses of **180k** equipment across **422 clubs**.
* Gathered **requirements** from VP and Director of facilities on a **daily basis** to create crucial **data** **insights** and **dashboards**.
* Streamlined their current reporting process by creating **dynamic** spreadsheets and **reporting** tool configurations.
* Created PowerBI and excel **dashboards** to display daily assets summary for **Ad-hoc analysis** .

**California State University East Bay, California** Jul 2018- May 2019

* Developed new web-based **asset management** (Web Checkout) on top of pre-existing system.
* Reduced average item issuing time by **65%** and User report generation time by **50%**.
* **Gathered Requirements**, built website **mockups** and used **SQL** to access database in **testing** phase.
* Assisted PM in **creating stories** on **JIRA** and acted as **liaison** between stakeholders and the developers.
* Worked with developers during **product design** as well as **review meetings**.
* Conducted **user acceptance testing** (UAT) and reported errors using **JIRA**.
* Created **Tableau** **dashboards** for visual assessment of assets.

**Aramark, CSUEB, California** Sept 2017- July 2018

* Facilitated business meetings with clients for event planning.
* Identified key **stakeholders** for **requirement gathering** and prepared invitations containing meeting agendas.
* Created monthly **financial reports**, event invoice, **KPI dashboard** and staff attendance report.
* Performed employee scheduling and task assigning using MS Project.

**Wisdom Sprouts, Pune, India**  Feb 2016- May 2017

* Developed **Transaction Management System** (TMS) for small scale paper-based retailers.
* Interacted with the stakeholders to get a better understanding of client business processes to gather **business requirements**.
* Coordinated meetings with **subject matter experts** (SME's) to gather requirements and **gap analysis**.
* Successfully created **BRD**, **FRD**, **ER-diagram**, **Use cases** and **activity diagrams** for client projects.
* Performed **functional testing** and data validation using **SQL queries**.

**Oil and Natural Gas Corporation Limited, India (Intern)**  Sept 2012 **-** Jan 2013

* Implemented extraction, transformation, and loading (**ETL**) flow for migration.
* **Data modelling**, **mapping**, and **profiling** for efficient storage into the new warehouse.

## ACADEMIC PROJECTS\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Black Friday Expenditure Prediction using JMP Neural Networks**

* Filtered a dataset with close to 500K transactions done in Black Friday Week 2018 using R-Programming.
* The dataset contained key attributes like gender, age, purchase amount and product category.
* Analyzed the dataset using neural patterns acquired and predicted the expenditure a future customer would do using their parameters.

**Prediction Engine using Sentiment Analysis (Sponsored Project)**

* Designed and prototyped a prediction engine that grabs real-time tweets and runs sentiment analysis on them automatically.
* Tools used: Python IDE, Tweepy API, AWS, Shell Script.