

# Adheep Shetty

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## PROFESSIONAL EXPERIENCE

### Amazon

#### Software Development Engineer:

Jun 2020 – Present

- Learned Guice framework on which team's service is built on in a short period of time.
- Created API using Amazon REST service Framework to cancel the third-party sellers workflow.
- Collaborated with teammates in order to work on migration projects from old system to a new system.
- Delivered result within the time frame for a project that needed understanding about how the discount system works

### Institute of Research and Analytics, CSULB

#### Oracle SQL Programmer:

Feb 2019 – May 2020

- Translate Data into plain sentences and provide solutions to meet Data needs of the various departments at CSULB.
- Performing Data visualization for different datasets in from the CSU's Enrollment Data Warehouse.
- Statistical modeling and Data preprocessing GB's of Student Data using python NumPy & Pandas.
- Ensure datasets for dashboards are consistent by performing rigorous validations using historical data.

## EDUCATION

### California State University Long Beach (CSULB)

Aug 2018 - May 2020

Master of Science, Computer Science

CGPA:3.4

### University of Mumbai

July 2014 - May 2018

Bachelor of Engineering, Computer Engineering

CGPA:3.8

## SKILLS

- **Data Science and Analytics:** Pandas, NumPy, SQL, Matplotlib, Seaborn, MongoDB, MapReduce.
- **Dependency Injection Framework:** Google Guice, Spring.
- **Programming Languages:** Java, Python.

## PROJECTS

### Weight Handling Fee IN Promotion - Individual Project

- Being part of Amazon's fees team, I handled a project for India promotion that enables the third-party sellers to avail discounts on certain fulfillment by amazon services.
- Coordination in this project with Program Manager located in India as well as working on a domain on which I had not much of knowledge were the key problems that I faced during the project.
- Learned to break the bigger goal into small task while planning backwards at the same time diving deep to know how the discounts system work.
- **Technology Used:** JavaScript, HTML5, CSS3.

### Puzzle Solver Bot - Group Project

- Successfully developed 2048 puzzle solver as undergraduate's final year project.
- 2048 puzzle is played in 4x4 grid, with numbered tiles that slide in all four directions where two tiles with same number collide, then they merge into a single tile with value twice as that of individual tiles.
- Learned and implemented Monte Carlo Search Tree Algorithm on 2048 puzzle to reach 2048 block.
- **Technology Used:** JavaScript, HTML5, CSS3.

### CSULB Police Assistant – Individual Project

- Developed an application that can query CSULB Police department spatial database as first semester Database Architecture project.
- Performed data ingestion using JDBC and wrote parameterized functions to easily find the incidents that happened in a zone and all the officers who are present in that area which would help the CSULB Police Department to inform the officer at that zone.
- Given a squad number found out the zone that is currently assigned to the squad and list of all officers assigned to that squad thus identifying the squad responsible for the zone.
- **Technology Used:** 1. Java, JDBC for querying data 2. MySQL to create structure of data.

### Resume Tracking System - Group Project

- Dashboard consisting of visualizations that fulfils the need of recruiters or companies who are looking for candidates who fit in job description.
- Recruiter can always use the visualization and lookup data to have a look at count of how many graduated from a particular university and can decide accordingly what percentage of student can be picked from that university.
- **Technology Used:** 1. Data Collection by web scraping using python. 2. Data Streaming using Apache Kafka. 3. Data Storage using Mongo db. 4. Data visualization using Table

## CERTIFICATIONS

- The Ultimate-Hands-on-Hadoop Certification from Udemy.
- Apache Kafka Series - Learn Apache Kafka for Beginners v2.

<http://bit.ly/Hands-on-Hadoop-Certification>

<http://bit.ly/Kafka-Beginners-Certification>