

# Rajdeep Bharati

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## Work Experience

### FetchMe Wishes Pvt. Ltd.

New Delhi

SOFTWARE ENGINEER, INTERN

Sep. 2018 - Oct. 2018

- Created a dynamic web app from scratch using Django and deployed it.
- Integrated a payment gateway (Paytm); integrated Celery to schedule jobs.
- Implemented Google Maps APIs and added features like distance, time, fare estimation.
- Built a realtime database to get location of nearest drivers and connect them to customers; integrated the database with web app and a mobile app for drivers.
- Built a chatbot for Facebook Messenger that increased user engagement by more than 60%.

## Education

### Jamia Hamdard

New Delhi

B.TECH. IN COMPUTER SCIENCE & ENGINEERING

Aug. 2017 - Jun. 2021

- **GPA:** 9.11/10
- **Relevant Coursework:** Data Structures & Algorithms, Discrete Mathematics, Object Oriented Programming, Calculus, Linear Algebra.

### The Mother's International School

New Delhi

HIGH SCHOOL

2005 - 2017

- Physics, Chemistry, Mathematics, Economics.

## Projects

### poirot ↗

Node.js

ASYNCHRONOUSLY FIND USERNAMES ACROSS SOCIAL NETWORKS.

### mrco ↗

Flask, Scikit-learn, pandas

SCRAPED DATA FROM IMDB, CREATED A MONGODB COLLECTION, AND USED IT TO BUILD A MOVIE RECOMMENDATION WEB-APP USING POPULARITY BASED, USER-USER COLLABORATIVE FILTERING, ITEM-ITEM COLLABORATIVE FILTERING, AND MATRIX FACTORIZATION ALGORITHMS. DOCKERIZED THE APP AND DEPLOYED TO HEROKU.

### PetiteURL ↗

Node.js, MongoDB

A URL SHORTENING SERVICE.

### FB Automation ↗

Python, Selenium

A COLLECTION OF PYTHON SCRIPTS TO AUTOMATE FACEBOOK.

### Twitter Realtime Analytics ↗

Apache Storm

ANALYSED TWITTER STREAM IN REALTIME AND CALCULATED TOP WORLDWIDE HASHTAGS.

### Email Classifier ↗

Python, Scikit-learn

IMPLEMENTED A SIMPLE EMAIL CLASSIFIER, USING COMMON MACHINE LEARNING ALGORITHMS (NAIVE BAYES, KNN, DECISION TREE, SVM), STUDIED THEIR ACCURACY.

## Additional Experience & Awards

- **Open Source Contributor:** coala, fossasia
- **TCS CodeVita (2018):** Cleared Pre-Qualifier Round
- **Google India Scholarship (2018):** Google, Udacity
- **Qualified JEE Main (2017):** Among top 9% candidates

## Languages & Technologies

- Python, C, JavaScript, Node.js, Django, Flask
- Selenium, Celery, git, MySQL, MongoDB, JQuery, React,  $\text{\LaTeX}$ , Apache Storm
- Machine Learning, Web Scraping, REST APIs, GNU Octave, MATLAB