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 a Python Backend and deployed it to server.
- 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

Melodie *Django, Scikit-learn, pandas*
A music streaming and recommendation service.

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

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

Languages & Technologies

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