

# ABHISHAK VARSHNEY

Machine Learning Engineer

**Mobile:** +91-8433489919

**GitHub:** [github.com/abhishakvarshney](https://github.com/abhishakvarshney)

**LinkedIn:** [linkedin.com/in/abhishakvarshney/](https://www.linkedin.com/in/abhishakvarshney/)

**Skype:** live:abhishakvarshney

**Email:** [abhishakvarshney@gmail.com](mailto:abhishakvarshney@gmail.com)

**Website:** [about.me/abhishakvarshney](http://about.me/abhishakvarshney)

## EDUCATION

- **NIT Jaipur (MNIT/MREC)** Jaipur  
*Bachelor of Technology; CGPA: 7.5* 2014 – 2018
- **B.B.Saraswati Shishu Mandir Inter College** Meerut  
*Intermediate/+2, U.P. Board; Percentage: 91.00%* 2012 – 2013

## SKILLS

- **Programming Languages:** Python
- **Tools & Frameworks:** Django, Rasa, OpenCV, Tensorflow, Keras, YOLO, DialogFlow
- **Databases:** ElasticSearch, Cassandra, MongoDB, MySQL, Redis
- **Technologies:** Git, Docker, Nginx, Supervisor, AWS

## EXPERIENCE

- **PaisaBazaar.com (PolicyBazaar.com)** Gurugram  
*Machine Learning Engineer* May 2019 - Present
  - **Neuron:** *Python-Django, Tensorflow, Keras, opencv, face-recognition, postal, Fuzzy-logic.*  
**Face-Verification System:** Verify faces if they are of same or different person in images/documents.  
**Field Matching System:** Identify if Name, DOB, Address are same or different using fuzzy-logic.  
**OCR Service:** Read data from documents and send it to custom API(consumer) for further processing.
  - **PaisaTracker:** *Django, ElasticSearch, Redis, Cassandra, MySQL, Docker, Python - Pandas, Sklearn*  
Developed an spend-analysis system for tracking record of users daily spend, income and their investments.
  - **Disha & Drishti:** *Python-Django*  
Developed an speech-text based NLP system which helps to track call quality of employee with customers.
  - **Paisabazaar Document Redactor\*\*:** *Python, OpenCV, Tesseract, ReportLab*  
Developed an Image Proceesing based system which redact the prohibited data from government documents.
  - **Paisabazaar Document Parser\*\*:** *Python, Django, Tabula*  
Developed an Image Proceesing based system which parse the useful information from user uploaded documents.
  - **Paisabazaar Document Analyzer\*\*:** *Python, Tensorflow, Keras*  
Developed an Image Proceesing based system which analyze the category(AADHAAR, PAN) of documents.
- **Skilrock Technologies Private Limited** Gurugram  
*Software Engineer - Analytics* Jun 2018 - May 2019
  - **NLP - ChatBot (ARENA):** *Rasa Framework, Python, BotFront, Microsoft Bot Framework*  
Developed an NLP chatbot in Python from users can play games, purchase tickets & can chat small talk with user.
- **TATA Steel** Jamshedpur  
*Engineer Trainee — INTERNSHIP* Summer of 2017
  - **Analysis on Heat & Mass Balance:** *MS – Excel*  
Analyzed and Balanced Heat and Mass data from Raw Material to liquid steel making process.

## PROJECTS

- **Birbal:**  
Virtual Assistant that helps and suggest movies, books/novels and restaurant near you.
- **Linux Path Traversal:**  
Created virtual linux terminal that can execute various commands: md, cd, cd.., ls, pwd, dir, rm, cp, mv, session\_clean.

## CERTIFICATIONS

- **Machine Learning:** *Coursera*
- **Introduction to Python Programming:** *Udemy*
- **MongoDB Basics:** *MongoDB Inc. – MongoDB University*

## HOBBIES

Skating || Travelling