

# Rakesh Panigrahy

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## EDUCATIONAL QUALIFICATION

### B. Sc| Information Technology | 2016-19

Mumbai University, Maharashtra  
7.8 CGPA

### M. Sc| Machine Learning & AI | 2022-23

IIITB & LJMU, India, UK

## TRAININGS & CERTIFICATES

Learning Path in Data Science | 2020-21  
Board Infinity

### Machine Learning A-Z

JAN 2020-MAY 2020

Udemy

### Deep Learning A-Z

MAY 2020-JULY 2020

Udemy

## TECHNICAL SKILLS

- Regression and Classification models
- Clustering - Hierarchical and Partitioning methods
- Deep Learning
- Tableau & Excel
- Python, PHP, JS & Django framework
- Computer vision (Google cloud vision, tesseract)
- NLP (Rasa, google dialogue flow, custom chatbot)
- Mysql, Postgres, Redshift
- Basic Statistics
- Google VRP & OSMNX
- AWS EC2, RDS, Route 56
- Pushmetrics and Jenkin for report and script automation

## WORK EXPERIENCE

3 years

### Business Analyst (Ascent Wellness and Pharma Solutions Pvt. Ltd.) May 2021- Present

Professional in analytics and development with 3 years of experience. Developed sustainable solutions to drive strategic initiatives, published business reports for daily operations, and took complete ownership of end-to-end delivery in a fast-paced environment. Cultivated result-oriented problem solving culture within teams and helped them accomplish business goals through clear road-maps and regular training programs.

- **Areas of Expertise**
  1. Demand Prediction & Inventory Planning
  2. Resource Management and Training
  3. Logistic Planing & Optimization
  4. Roaster Planning and Optimization
  6. Warehouse and logistic fraud Analysis
- **Business Functions**
  1. Inventory Planning
  2. Supply Chain & Logistics

### Django Developer (AllinCall Research and Solutions Pvt. Ltd) Dec 2020- May 2021

- Worked on chatbot integration with the client website.
- Handled databases and migrated data from old tables to new tables.
- Chatbot version migration.
- UAT to production migration.
- New functionality development
- Bug fixing
- AWS hosting

### Beyond Tech Solutions co-partnered with Ascendance Interactive (Data Scientist Intern) Oct 2020-Dec 2020

- Worked on an optical KYC verification project.
- Used Pytesseract, google cloud vision, yolov3 to extract text, match faces and detect ROI in the given image.
- Integrated the developed module with the web application using Django.
- Also worked on ZMQ port integration between a shooting game and python server, where a machine learning algorithm is running. The ML algorithm provides the bot a direction to shoot the target.

### Neural IT Pvt. Ltd. (Software Developer) Aug 2019-Dec 2020

- Neural IT has its own product MyEhrms application, which handles all the management tasks.
- I develop new functionalities according to client needs.
- Research on the new functionality to decide what challenges may occur while development.

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## SKILLS & ABILITIES

- Disciplined
- Techie
- Hard working
- Punctual
- Adaptability

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## INTEREST & HOBBIES

- Gaming
- Watching Series

- Deploy code from development server to live server.
- Integrate biometric devices of clients with our MyEhrms system.
- Collaborate on all stages of systems development lifecycle, from requirement gathering to production releases.
- Trained and managed team of 3 of developers and discussed issues in order to provide resolution and apply best practices.
- Carefully documented technical workflows and knowledge in private wiki for education of newly hired employees.
- Gathered and defined customer requirements from the client support team to develop clear specifications for creating well-organized project plans.
- Contributed ideas and suggestions in team meetings and delivered updates on deadlines, designs and enhancements.

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## PROJECTS

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### Optical KYC System

- I worked on text extraction from the uploaded id cards by the customer.
- We are using computer vision techniques to match the faces, extract data and find ROI.
- Used Pytesseract, google cloud vision, yolov3 and Opencv.
- Integrated with a web application using Django.
- Currently, I am working on public service document clustering, which is on NLP.

### Covid19 Chatbot in Rasa

- Used the Rasa framework to train NLU and provide responses.
- Also used spacy for text preprocessing and NER.
- It handles customer queries and provides state and district wise Covid19 real-time count.
- Handles small contextual talk.
- Blog:  
<https://chatbotslife.com/a-practical-guide-to-rasa-chatbot-part-01-25f079d3b97d>

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## REWARDS & RECOGNITION

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- Successfully Completed the Data science certificate with an aggregate of more than 80% score.
- Awarded 1st position in short video making.