

# Ashish Lotake

A dedicated and aspiring data scientist and machine learning engineer, wish to work for an institution that offers technical and personal growth.

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## Education

### Diploma in Artificial Intelligence & Machine Learning

University of Hyderabad  
Present

### B.E. in Mechanical Engineering

Savitribai Phule Pune University,  
GPA - 8.3

## Work Experience

### AI Technical Intern Super AIP

**Summary** - As a part of my internship, where I spent the majority of my time developing chatbots using open source NLP tool RASA Open Source, I was also part of a team responsible for creating a curriculum for machine learning for finance.

## Skills

- |                    |                                                       |               |                    |
|--------------------|-------------------------------------------------------|---------------|--------------------|
| • Python           | • Data Visualisation & EDA                            | • Git         | • Cloud Computing  |
| • Numpy            | • Feature engineering, Feature selection & extraction | • Linux, Bash | • MS Excel         |
| • Matplotlib       | • Supervised learning algos                           | • SQL         | • Power BI         |
| • Pandas           | • Unsupervised Learning algos                         | • NoSQL       | • Rasa Open Source |
| • Sklearn          | • ANN, CNN, , etc.                                    | • Docker      |                    |
| • Tensorflow/Keras |                                                       | • Kubernetes  |                    |

## Languages

English, Hindi, Marathi, German (A2 Level)

## Projects

- **Automated data labelling system** - This is an automated labeling system, the app will label the input images from the user and then correctly label the images by placing them in their category folder and giving the user a zip file, and at the same time user can label images if not satisfied with the result and then retrain the original model, to improve the models' generalization accuracy

[Project Link](#)

- **General Q&A Conversational ChatBot** - This is a Q&A chatbot, which is capable of answering user questions, the model is implemented using the open-source tool RASA. This can be easily extended to a full fledge Q&A bot, we just need to add a few examples of intent and the underlying NLU model and answer user's questions.

[Project Link](#)

## Contribution to Community

- **Teacher** @ Bhumi NGO
- **Campaign Volunteer** @ Youth Empowerment Foundation

## Certification

- [AWS Certified Cloud Practitioner \(CLF-C01\)](#)
- [Learn to Program: Crafting Quality Code](#)
- [Python for Everybody Specialization](#)

## Hobbies / interest

- |                |             |                 |               |
|----------------|-------------|-----------------|---------------|
| • 🏔 Travelling | • 🍳 Cooking | • ✍ Blogging    | • 🎨 Sketching |
| • 🎨 Painting   | • 🎮 PC Game | • 📷 Photography |               |