

# Dhilber M

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## EXPERIENCE

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### Analyst

*Deloitte USI*

Nov 2021 – Present

*Bangalore*

### Python Developer

*Intpurple Technology Solutions Pvt Ltd.*

June 2020 – Present

*Bangalore*

- Build REST APIs for web and mobile application using Django, django rest framework.
- Implemented a labreport and prescription recognition system that automated data collection and classification in one shot, which reduced human effort to great extend
- Contributed in developing a food recognition and nutrient detection model for diabetic patients. Build a novel instance segmentation model with custom dataset collected from multiple sources using detectron2.
- Designed and implemented database models from simple to complex use cases.
- Worked with external APIs like Google Vison, AWS Textract and incorporated in application in respective use case
- Written scripts for generating periodic summaries based on customer's past interaction data points.
- Experience in configuring and deploying releases in all environments including production. Familiar with gunicorn, celery, supervisor etc.

### Member of Technical Staff

*Nvipani Technology Solutions*

July. 2019 – Nov. 2019

*Bangalore*

- Worked as web application developer, have experience with Docker, Jenkins etc
- Worked with RFID, NFC tags for integration with consumer products for tracking and authentication.

### Teaching and Research Assistant

*University of Hyderabad*

July. 2018 – May. 2019

*Hyderabad*

- Contributed to research on "community detection" and published a paper titled "Community Detection in Social Networks using Deep Learning" as first author in Springer LNCS, ICDCIT Jan 2020

## EDUCATION

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### University of Hyderabad

*Master of Technology in Artificial Intelligence*

Gachibowli, Hyderabad

*Aug. 2017 – May 2019*

### University of Calicut

*Bachelor of Technology in Computer Science and Engineering Technology*

Calicut, Kerala

*Aug. 2012 – May 2016*

## PROJECTS

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### Poetry Generator | Python, Keras, Numpy

Jan 2019

- Trained a text generator model (lstm) on collection of poem lyrics from scratch to generate poem like texts.
- Training data of 1MB textfile was collected from project Gutenberg and cleaned manually. Experimented with various size dataset to check quality of model.

### Tweetwingle: A twitter based sentiment analysis | Python, Textblob, Matplotlib

July 2018

- Developed a twitter based sentiment analysis project
- The overall sentiments polarity of a particular subject is calculated by collecting recent tweets on that subject and analyzing the text. Inputs are taken as user keywords.

## TECHNICAL SKILLS

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**Languages:** Python, MYSQL, C/C++

**Frameworks & Tools:** Django, Django Rest Framework, AWS, Git, Google Cloud Platform

## ACHIEVEMENTS

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- Qualified GATE 2017 with 92.47 percentile
- Qualified UGC-NET July 2018 for Assistant Professor
- Published a paper titled "Community Detection in Social Networks using Deep Learning", Distributed Computing and Internet Technology. ICDCIT Jan 2020. LNCS, vol 11969. Springer ([link](#))