

Dinesh Bhandekar

- Python Developer

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Profile :

Passionate Python Developer with over a year experience in AI projects like NLP/NLU, Information Extraction, OCR, Computer vision, also web development projects like FASTAPI framework, Flask and Django with knowledgeable experience on production deployment tools like Docker.

Experience :

Python Developer – (Oct 2020 - Till date)
Techno Brain Pvt. Ltd, Hyderabad

- Joined as an Intern to gain real-time work experience during my 6th semester, eventually secured permanent role as a python developer.
- Worked on high impact python projects like Document Intelligence API, OCR, Chatbot NLU.
- Developed a Uni-communication channel backend connected with SQL database using FASTAPI framework with best practices maintained.
- Successfully Containerized few Applications and Transferred to Production Environment.
- Collaborated with UI Development team to integrate APIs with frontend.
- Coordinated with Clients for Software and Hardware integration and Deployment of projects.
- Worked on internal projects like Annotation tool to replace Microsoft's Annotation solution

Education :

- ❑ **Bachelor of Technology – CSE (2017 – 2021)**
Sreyas institute of engineering and technology, Hyderabad – JNTUH
Aggregate – 7.0
- ❑ **Intermediate – MPC (2015 – 2017)**
Ideal Jr. college, Hyderabad – TSBIE
Aggregate – 92.2
- ❑ **SSC – (2015)**
Sai Grammar High School, Hyderabad – TSBSE
Aggregate – 8.0

Skill Enhancement Courses :

- **Building Data Science Applications with FastAPI**
- Develop, manage and deploy efficient machine learning apps
- **Deep-learning with PyTorch python**
- Deep learning Architecture, Word Embeddings, Image Embeddings, Classification, Neural network

Key Achievements :

- Successfully deployed couple of projects on production environment like Document Intelligence, chatbot NLU
- “CODING HACKATHON” won 1st prize held in collage

Skills :

Professional :

- Deep Learning
 - PyTorch
 - TensorFlow,
 - Computer Vision
- Web Framework
 - FastAPI
 - Flask
 - Django
- Proficient in Python
- Proficient in OOP's, Data Structures and Algorithms
- Hands on Experience in Docker for Containerizing Applications
- Hands on Experience in JAVA
- Knowledge on Front-End UI and MySQL DB
- Knowledge on Embedded Programming like Embedded C and Micro-Python

Interpersonal :

- Versatile to new Environment.
- Can work effectively on Linux and Windows Environment.
- Good Team player.
- Desire to learn and develop all necessary technical skills..
- Strong analytical thinking.
- Self-motivated, enthusiastic, and able to handle multiple Tasks.

Projects :

Academic Projects :

❖ **Real-time Face Detection and Object detection API:**

A Python API built on Fast-API web framework to identify human Faces and specific daily used objects using deep-learning and computer vision techniques

❖ **Real-time Face-Mask Monitoring System:**

Automatically detecting Human Faces and mask on them and generating logs along with capturing human faces and sending them to Administration.

*(<https://github.com/Dinesh124567/Client-server-based-Face-mask-detection>)

Personal Projects :

❖ **Rubik's Cube Solver**

Python based project to solve 3*3 Rubik's cube with customized designed algorithm

(<https://github.com/Dinesh124567/Rubix-cube>)

❖ **Sudoku Solver with Java based swing GUI**

Implemented on java with backtracking algorithm to classify 9*9 grid sudoku in either of these three states

- (multiple solution, one solution and no solution) and solve it

(<https://github.com/Dinesh124567/sudoku-solve-using-swing>)

❖ **TCS few coding challenges questions in java.**

(<https://github.com/Dinesh124567/TCS-round-1>)

❖ **Calendar to customize the date and day and to find out the other days of given date.**

(<https://github.com/Dinesh124567/infinite-year-calendar>)

❖ **EPAM few coding challenge questions solved.**

(<https://github.com/Dinesh124567/EPAM-answers>)

❖ **Budget management**

Managing budget in an organization with three entities : Manager, Co-manager and Department

*(<https://github.com/Dinesh124567/BudgetManagement>)

❖ **Canteen management**

Canteen management for a campus with functionalities like ordering food , adding/ removing chief staff members , adding /removing food items etc..

*(<https://github.com/Dinesh124567/CanteenManagement>)

❖ **Employee management**

Built on Python FastApi framework with functionalities like login -logout, employee details and employee project details, adding / removing employees etc..

*(<https://github.com/Dinesh124567/EmployeeManagement>)

**Note : Some GitHub Repos mentioned above are Private*

Known Languages :

- English
- Hindi
- Marathi
- Telugu

Interest :

- Reading Technology Blogs
- Solving Rubik's cube
- Coding
- Playing chess

I hereby declare that the details and information given above are complete and true to the best of my knowledge

- Dinesh Bhandekar