Shounak Deshpande

D A T A   S C I E N C E | A I M L | P Y T H O N

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📍 Pune, Maharashtra

👤 **LinkedIn**

💬 **Github**

🔗 **Personal Website**

▶️ **Youtube Channel**

A B O U T   M E

Self motivated professional passionate about technology, AI and Data Science to aid businesses.

- **2nd Rank** *in Capgemini All India Tech Challenge 2021.*
- **Certifications** *in AIML, Data Science, Data Analytics, Python, PySpark, Django, Flask, OpenCV, Airflow, SQL, Tableau, REST APIs.*

S K I L L S

8 / 10
AI|ML|DL

8 / 10
Data Science

8/10
Python

7/10
Web Development

7/10
REST APIs

E D U C A T I O N

MBA (Industrial Management & HR)
Grade - A
PUMBA, Pune University
2013-2015

BE (Mech)
Percentage – 63.33 %
Sinhgad College of Engineering, Pune University
2007-2012

HSC (2007) – 82.17 %

SSC (2005) – 83.20 %

E X P E R I E N C E

1. **AIML Consultant**

   Capgemini / Bangalore / Apr 2022 - present

   - AIML & SQL Support

2. **AIML Developer**

   Xpanxion International Pvt. Ltd./ Pune / Nov 2018 – Mar 2022

   - Data Analytics & Machine Learning
   - NLP, Recommendation Model, Alert Classification
   - Web Scraping, EDA, Data Gathering and Cleaning
   - Chatbots – GCP Dialogflow
   - Automation, Stackstorm
   - REST APIs, Webhooks, creating Jinja templates
   - Airflow, Adaptive Cards

3. **Executive**

   Ruby Hall Clinic / Pune / 2017 - 2018

   - Data Analysis
   - HR Operations

4. **Asst. Manager**

   Ortho Care & Cure / Kolhapur / 2016 - 2017

   - Data Analytics & Management
   - Admin & HR Operations

5. **Management Trainee**

   Bharat Forge Ltd. / Pune / 2015 - 2016

   - HR Analytics
   - HR Operations

SKILLS/TECH-STACK

- **Python** – OOPs, tkinter UI, turtle graphics, automation using Selenium, smtplib, using and creating REST APIs using FastAPI and Flask.

- **Data Science & AIML** – Exploratory Data Analysis (EDA), Principal Component Analysis (PCA), Webscraping (using BeautifulSoup & Selenium), Data Visualization (Tableau, Matplotlib, Seaborn, Plotly, Altair), Apache Airflow.

- **AIML** – Supervised Learning, Unsupervised Learning, Deep Learning, PyTorch, Tensorflow-Keras, Pandas, Numpy, Scikit Learn, MLXtend, Natural Language Processing, OpenCV (YOLO and SSD), PySpark MLOps (Regression, Classification, Recommendation System, NLP), Generative Adversarial Networks (GANs).

- **Other Tech-stack** – HTML, CSS, Bootstrap 4 & 5, Django, Flask, Jinja, WTForms, Ubuntu, Docker, SQL (SQLite, PostgreSQL, Microsoft SQL Server), SQLAlchemy, MongoDB, Stackstorm, Git (Github & Bitbucket), Jira, Confluence, Document360, Miscrosoft Adaptive Cards, REST APIs using FastAPI and Flask RESTFul.

- **MS Office** – Excel, Word, Powerpoint, Publisher.

PROJECTS

- **AIML & Data Science** – Webscraping Reviews on Glassdoor and coming up with actionables for HR, Analysing Employee Satisfaction Survey and drawing up actionables for the Organization using NLP and Clustering, Analysing the Temperature over past century and finding pattern in the data, Analysing Stock Market Prices and predicting stock prices for future, Analysing behaviour of Tweets on Stock Market Prices, using GANs for generating simulated data, using CycleGANs for: displaying the post effects of medical surgery & converting human-face to cartoon-face & vice versa, Identifying fracture in Xray Image, Object Detection, Salary Predicter, Item Recommendation System, etc.

- **Developing python-based products** – PDF to Word converter, Activity Logger, Assignment Tracker, Password Manager, Onboarding template creator, Watermark adder.

- **Python automation** – automating HRMS manager mapping, Integrating third party services with MSSP tool, Automating alerts, REST APIs to enrich Cyber Security Information to help SOC analyst.

- **Developing web-based Applications** – Task Tracker, Café/Restaurant Details Website, Website hosting blogs, E-Retail website, Online Performacne Appraisal etc.

SPECIALIZATIONS, CERTIFICATIONS & ACHIEVEMENTS

SPECIALIZATIONS

- **Google Data Analytics Professional Certificate**
- **IBM AI Engineering Professional Certificate**
- **IBM Data Science Professional Certificate**
- **Python, Bash and SQL Essentials for Data Engineering Specialization (by Duke University)**
- **Generative Adversarial Networks (GANs) Specialization (by DeepLearning.AI)**

CERTIFICATIONS

Certifications earned in	Institute	Course Type
Machine Learning, Data Engineering and Data Science	Coursera	Online
Deep Learning, Data Analytics	Jovian	Live Online Classroom
Advanced AIML and Deep Learning, Data Science, Web Development	LetsUpgrade	Live Online Classroom
Python, AIML, Data Science, Web Development	PluralSight	Online
SQL, Python, OpenCV, REST APIs, Tableau, PySpark, Airflow, Git, Linux	Udemy	Online

ACHIEVEMENTS

- 2nd rank in Capgemini Tech Challenge 2021 out of 3.2 Lac participants.

- Developed a Fracture Detection in Xray Model using PyTorch as per requirement from Ortho-dept of a renowned hospital.

- Designing and Deploying HR Q&A Chatbot.

- Exit Interview Analysis and drawing actionalbles for HR team.

- Creating and deploying CTC prediction model for trainees based on market salary benchmarking.

- Analysing existing wage structure to detect outliers and streamline the structure.

- Setting up conveyance facility using EDA & clustering at a manufacturing company.

- Implementing Donald Kirkpatrick Model for Training Evaluation.

- Auditing HRMS system at a manufacturing company.

STRENGTHS,EXTRA CURRICULAR ACTIVITIES

STRENGTHS

- Self Motivated
- Quick Learner
- Enthusiasm
- Innovative Thinking
- Versatility
- Good Analytical Skills
- Knowledge Hungry
- Open Minded & Positive Attitude
- Good Communication

EXTRA CURRICULAR ACTIVITES & INTERESTS

- Exploring new technologies in AIML domain
- Making YouTube Content: posting AIML/Data Science/Python related tutorial videos along with other content
- Badminton – qualified for state level after winning district level
- Volunteering work – assisting police in crowd control during festivals, animal rescue center
- Misc interests – history, mythology, economics, philosophy, psychology, movies, etc.

LET'S MAKE OUR WORLD BETTER!!

-END-