

# SHREYASH SOMVANSHI

## A.I. & Data Science Engineer

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### INTRODUCTION

I'm a passionate A.I. and Data Science Engineer with a strong background in programming, and statistics. I have good experience in developing predictive models, analyzing large datasets, and implementing Machine Learning algorithms. Through coursework and personal projects, I have gained expertise in Python, R, SQL, and Machine Learning libraries such as scikit-learn, TensorFlow, and PyTorch, currently exploring LLMs.

### EDUCATION

**B.E. in Artificial Intelligence and Data Science**, Savitribai Phule Pune University 2020 – 2024  
Minor\* in Cybersecurity (2022-2024)  
Vidya Pratishthan's Kamalnayan Bajaj Institute of Engineering and Technology, Baramati CGPA: 8.44/10

### SKILLS

**Programming:** Python, R, Julia, SQL  
**Tools:** Git, PowerBI, Tableau, LookerStudio, Excel, Qlik, SAS, KNIME, Orange,  $\LaTeX$   
**Cloud Tech:** Azure, GCP, OCI  
**Other Skills:** MLOps, Prompt Engineering, LLM Finetuning, Design Thinking, Problem Solving

### PROJECTS

- SynthCheck: A Synthetic Image Identification using Deep Learning** [Github](#) | [Demo](#)
  - The models are trained on CIFAKE dataset with 120000 AI generated and real images.
  - Models are trained using VGG19, ResNet50, EfficientNetB0, and a custom CNN architecture achieving nearly 89% accuracy.
  - Deployed it on Streamlit cloud with a simple and interactive UI.
  - Currently working on integrating models with Explainable A.I for more interpretable results.
- Coursify: Course Recommendation System** [Github](#) | [Demo](#)
  - Pre-processed the Udemy Courses Dataset by cleaning, and handling null values following ETL process.
  - Trained a recommender system using MultiClass Text Classification and Content based filtering.
  - Deployed it on Streamlit cloud with an interactive UI.
- Sentispect: Sentiment Analysis using NLP** [Github](#) | [Demo](#)
  - Built a simple model to classify the sentiments of text as Positive or Negative with 88% accuracy.
  - Used various libraries and techniques like nltk, tokenizer, stemming, lemmatization and trained with SVC.
  - Deployed it on web using Streamlit.

### TECHNICAL EXPERIENCE

- Software Engineer (Analyst-A4) - Capgemini** Pune, NOV 2024 - PRESENT
  - Currently on training period: Java Full Stack Development
- A.I. & Machine Learning Volunteer - GDSC, VPKBIET** Baramati, AUG 2023 - MAY 2024
  - Collaboratively took initiatives in projects to democratize cutting-edge technology within the student community.
  - Empowered fellow students through dynamic AI and ML engagement as a GDSC volunteer, fostered a culture of innovation and exploration in the realm of A.I.
- Machine Learning Intern - Feynn Labs** Remote, DEC 2022 - FEB 2023
  - Worked on real world problems including some case studies and Market Segmentation of Electric Vehicles.
  - Plotted clear and attractive visualizations, created insightful documentations and reports.
  - Gained experience in working with Unsupervised Learning algorithms and state-of-the-art ML frameworks.

### ACHIEVEMENTS

- Contributed to Open Source project of [Amplification](#) by fixing the bug. [Issue View](#)
- Oracle Cloud Infrastructure 2023 Certified Data Science Professional [View](#)
- Won 1st Prize in Data Science Bootcamp organized by Students Association of AI (SAAI), VPKBIET [View](#)
- Learned various Programming Skills through courses and got Certified. [View Certifications](#)