

Ms. Patel Mosam Pankajbhai

A Masters in Computer Engineering, spanning 14+ years of academic engagement, I am enthusiastic about transitioning into the domain that requires practical implementation of my learned theoretical concepts. I am excited to leverage my rich skill set and comprehensive knowledge to embark on a new chapter, where I can passionately contribute to cutting-edge projects and seamlessly translate raw data into actionable insights.

Contact Details



Vadodara, Gujarat, India



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LinkedIn Profile:-

<https://www.linkedin.com/in/mosam-patel-336495a1/>

Educational Background

2014

M.E. Computer Engineering
Gujarat Technological University

2007

B.E. Computer Engineering
Gujarat University

2003

H.S.C (Science Stream)
GHSEB

Technical Skills

- Natural Language Processing
- Machine Learning
- Generative AI
- Data Visualizations
- Data Scrapping
- Data Management

Soft Skills

- Keen Observation & Detailing
- Effective Communication
- Emotional Intelligence
- Effective Decision Making
- Learning and Adaptability

Language Fluency

- English
- Hindi
- Gujarati

Experience



Assistant Professor- Computer Science & Engineering Dept.



(2022- till Date) - GSFC-University, Vadodara

(2019-2022) - Parul University, Vadodara

(2018-2019) - Babaria Institute of Technology- Vadodara

(2015-2018) – MBICT,CVM- Vidhyanagar, Anand



Senior Instructor- Computer Applications Dept.



(2007-2013)- BCA, Maharaja Sayajirao University, Vadodara

Certification / Internship



Industrial Internship on – Data Analytics using PowerBI and python.



6th July to 17th July-2023



NPTEL-Swayam: 1) Python for Data Science

2) Applied Natural Language Processing



September 2020- December 2020



Udemy- 1) Python for Data Science & Machine Learning Bootcamp

2) Machine Learning A-Z- Hands on Python



May 2020

Libraries / Tools Known



NLTK, Scikit-learn, SpaCy, Gensim



Matplotlib, Seaborn, Numpy, Pandas, Scrapy, Beautiful Soup



PowerBI

Practice Projects undertaken



Data Analysis and visualization of data using PowerBI.



Sentiment Analysis of data using PowerBI.



Language Detection and Conversion using Python and PowerBI.



Scrapped the data related to a query from the public tweets using Twitter API and python.



Web Scrapped the website using Beautiful soup- python library.



Generated a knowledge graph from the text using NLTK and other related libraries in python.



Query the pdf file using OpenAI API.

Research Publications :

- 1) "Efficiency and time complexity improvement of hybrid fuzzy-neuro model using rule pruning" published in the International Journal of Software & Hardware Research in Engineering ISSN No: 2347- 4890(Online) for May 2014 VOLUME 2 ISSUE 5.
- 2)"Various Rule pruning techniques and Accuracy Measures for Fuzzy Rules" published in the International Journal of Application or Innovation in Engineering and Management ISSN No. 2319 – 4847 in Volume 2, Issue 12, December 2013.
- 3)"Review on the Applications of Hybrid Techniques for Credit Risk Analysis" presented in the 5 th National Conference on Emerging Vistas of Technology in 21 st Century ISBN No. 978-93-83842-29-2, pg no. 14-17, 4th -5th April 2014.
- 4)"Hybrid Fuzzy-Neuro Model For Credit Risk Analysis Using A Novel Rule pruning Method" published in International Journal of Innovative and Emerging Research in Engineering e -ISSN: 2394 - 3343, Vol-4, Issue-5, May 2017.
- 5) "An Automation to Reduce Road Traffic Accidents Using Machine Learning Techniques" Elsevier – JESTCH available at SSRN 4051654- May 2022
- 6) "A SURVEY ON ROAD ACCIDENT PREDICTION USING MACHINE LEARNING" published in Journal of Applied Science and Computations Volume IX, Issue III, March/2022 ISSN NO: 1076-5131.
- 7) "Performance Analysis of Machine Learning models for Real Estate Evaluation" published in International Journal of Computational Engineering Research, ISSN(e)- 2250-3005, Vol-13, Issue-3, May-June-2023.

References

Dr. VIPUL A KALAMKAR
(Ex-COORDINATOR OF BCA)
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BARODA.
EMAIL: vipul.kalamkar@gmail.com
CONTACT NO.: +919898366735.

Dr. HETAL CHUDASAMA
(ASSISTANT PROFESSOR- IT. DEPT.)
GCET, VIDHYANAGAR, ANAND.
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Declaration

I hereby declare that the above information is true to best of my knowledge.

Place: Vadodara

(Mosam Patel)