

# Kalp it Patel

DATA ANALYST  
Permanent resident of Kenya

Nairobi-west, Kodi road // Nairobi, Kenya // 0789098686// Kalpitpatel751@gmail.com

---

## PROFILE

Highly skilled and dynamic Network Systems Analyst, bringing forth the ability to effectively manage and oversee optimal network services for organizations. Adept in setting up administrator and server accounts and experienced in managing the functionality of systems. Resourceful, and committed to continually advancing my knowledge of relevant technologies.

---

## EXPERIENCE

January 2025 – May 2025 Data Science Intern at Tech Elecon Pvt Ltd, Anand

### *AI-Based Resume to Job Description Matcher Project*

Built a machine learning model using Python, scikit-learn, and NLP techniques to match resumes with job descriptions.

Applied text preprocessing, feature extraction (TF-IDF, BERT), and cosine similarity for relevance scoring.

Improved matching accuracy through model tuning and evaluation.

---

## EDUCATION

Knowledge High School Nadiad ,12th std

Percentage- **70%**

Charotar University Of science and technology, Anand, B.tech. Computer Engineering

Graduated with an overall Cgpa of **7.15**

---

**Spam mail detection using machine learning, January 2024 – May 2024(Research Project)**

Developed a spam email detection system leveraging machine learning algorithms. Preprocessed email data with techniques like tokenization, TF-IDF, and feature extraction. Implemented models such as Naive Bayes, Support Vector Machine (SVM), and Random Forest for classification. Evaluated model performance using metrics like accuracy, precision, recall, and F1-score, achieving high accuracy in identifying spam and non-spam emails.

**Cryptocurrency Price Prediction Using Machine Learning methods, July 2024 – November 2024**

Developed a cryptocurrency price prediction model using Long Short-Term Memory (LSTM) networks and Random Forest (RF). LSTM excelled in capturing temporal patterns, achieving high accuracy, while RF handled non-linear relationships but struggled with time-series data. Historical data was processed and evaluated using RMSE, demonstrating LSTM's superiority for volatile market predictions

**Ai based resume to job description matcher, January 2025 – May 2025**

The Resume Analyzer using NLP is a research project aimed at automating the evaluation of resumes to streamline the recruitment process. By leveraging Natural Language Processing techniques, the system extracts key information such as skills, experience, and education, and matches them against job descriptions. It uses named entity recognition, keyword matching, and semantic analysis to score and rank resumes. This approach enhances hiring efficiency and ensures better candidate-job fit.

---

|                               |  |
|-------------------------------|--|
| PUBLICATIONS                  | <p>Author: Machine Learning Algorithms for the Detection of Email Spam Based on Python</p> <p>Implementation Submitted to: - ICIACS 2024. ISSN: 3004-978X, e-ISSN: 3004-9598 ISBN: 978-3-031-69196-6, ISBN: 978-3-031-69097-3(eBook) DOI: <a href="https://doi.org/10.1007/978-3-031-69197-3">https://doi.org/10.1007/978-3-031-69197-3</a></p> <p>Author: - Prof. Sneha Padhiar, Manan Patel, Kalpit Patel Rishi Shah</p> |
| EXTRA - CURRICULAR ACTIVITIES | <p>Part of the core All India Tug of War team (2025)</p> <p>Handled registrations, volunteered coding events and managed other administrative work.</p> <p>Winner Sports: Annual Spoural 2024 (Tug of War Champions)</p>   |
| SKILLS                        | <p>HTML &amp; CSS, C++, Java, Microsoft Excel, SQL, Python, Power BI MongoDB</p>   |
| HOBBIES                       | <p>Music,fitness,cricket and volleyball</p>  |
| CERTIFICATIONS                | <p>Udemy Power Bi Certified</p> <p>IBM Generative Ai Engineering (Currently doing this course)</p>   |
| REFERENCES                    | <p>Mr Satyam Raval (Senior Manager at Tech Elecon Pvt Ltd)<br/>Mobile no: +91 70662 07670</p> <p>Mr Vipul kumar Patel (Production Manager at Lab&amp;Allied Ltd)<br/>Mobile No: 0733422500</p>   |