Kevin Alpeshkumar Patel

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Education

- **Parul University** — **Vadodara, Gujarat**
  Bachelor of Technology in Computer Science and Engineering — *2022 – Present*
  - CGPA: 8.10

Technical Skills

- **Languages:** Python, C++
- **Machine Learning & Data Science:** NumPy, Pandas, Matplotlib, Seaborn, scikit-learn, Supervised & Unsupervised Learning, Model Evaluation (Accuracy, Precision, Recall, Confusion Matrix), Data Preprocessing, Feature Scaling, Train-Test Split, Cross-Validation
- **Data Visualization & BI Tools:** Power BI
- **Databases:** MySQL, MongoDB
- **Tools & IDEs:** Jupyter Notebook, Google Colab, VS Code
- **Version Control:** Git, GitHub

Experience

- **Excelerate** — **Feb 2025 – Mar 2025**
  Data Visualization Intern
  - Processed and refined real-world datasets using Python and Pandas to improve data quality and analytical reliability.
  - Produced clear and insight-driven reports and visualizations with Matplotlib and Power BI to highlight key trends and patterns.
  - Analyzed market trends for GlobalShala, translating raw data into actionable insights to support business decisions.

Projects

- **Autism Syndrome Predictor**
  Python, Pandas, NumPy, scikit-learn, Streamlit
  - Implemented a Random Forest classification model to predict the likelihood of Autism Spectrum Disorder (ASD) using a public healthcare dataset.
  - Performed data preprocessing, feature scaling, and exploratory data analysis to improve model performance and generalization.
  - Achieved approximately 85% prediction accuracy using standard classification metrics.
  - Deployed the trained model as a live web application using Streamlit for real-time predictions.
  - **Live Demo:** autism-predictor.streamlit.app   —   **GitHub:** github.com/Kev-11/Autism_P

Certifications

- Python Programming — Cognitive Class
- Data Science — Cognitive Class

Achievements

- Participated in Hack The Mountain (HTM) Hackathon, collaborating in a team to solve real-world problems under time constraints.