# Krushank Jayeshbhai Rangani

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## Education

**C.K. Pithawala College of Engineering**                                    **September 2022 - Present**
Bachelor in computer engineering , CGPA: 7.9

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## Experience

**AI/ ML Engineer : Avinashi**                                    **July, 2024 - August 2024**
- Made an accurate model on power generation.
- Explored many of the different projects which are really needed in the market.
- Learn how to manage any project efficiently and work for the best on it.
- Also gained much knowledge in web scraping technologies.
- Developed chrome extensions which are really helpful to the user.
- Also developed a model using GenAI.

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## Skills

**AI / ML Technologies :** Scikit-Learn, NLP, Deep Learning, Machine Learning, Python,
Data Analysis, Generative AI, LLM Models
**Data Analysis :** Power BI, DBMS (SQL), Business Analysis, Business Development
**Other Technologies :** Operating System, HTML, CSS, Tailwind CSS, JavaScript

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## Projects

*Machine Learning Projects  :*

**ChatBot for University enquiry:**

Developed a **machine learning-based ChatBot** for **University enquiries**. Integrated with **university databases** to deliver **accurate information** on **programs, admissions, scholarships, and campus facilities**. I have implemented this project using libraries like **numpy, json, pickle, random, tensorflow, nltk, keras**. Achieved an **accuracy of 95%**.

**Resume Ranking System:**

Deployed this project with an **accuracy score of 96%**. This is my **end-to-end project**. I have used various technologies: for developing the model, I used **ML algorithms** and libraries like **pyparser, pyPDF**, etc. For developing the website, I used web technologies like HTML and CSS.

**Power Consumption Prediction:**

Energy Power Consumption prediction uses **machine learning** to forecast future energy usage patterns, helping **businesses optimize energy consumption, reduce costs,** and **improve resource management.** It predicts **future energy consumption** using historical usage data, identifies peak usage patterns for efficient **energy management,** and **reduces operational costs** by optimizing energy usage**.**

## *AI Projects :-*

**Amazon Product Best Seller:**

In this project, I have made an **extension using deep learning models** in which the **best seller store** will be **listed out from a particular product**. It helps in **finding the best seller**, providing **accurate answers** and **fast solutions**.

**Chatbot with PDF:**

This project helped my **classmates** in my college. Using this model, they have made their **studies easy** as they can get answers to **each and every question** which exists in the **PDF** they have uploaded. This project helped not only **students** but also **faculties**. Faculties used this project to provide students with a **short summary** of the particular PDF they upload. This model was also capable of **storing history**, and users could **access it anytime** they preferred.

**AI Video Summarization:**

The **YouTube Summarization AI** quickly analyzes and **summarizes YouTube videos**, providing **concise, accurate summaries** and **key insights** for efficient viewing. It **automatically summarizes YouTube videos**, **extracts key insights and highlights** from videos, and **supports multiple video languages and accents**. The system delivers **quick and accurate summaries** for **efficient content consumption**.