

Paidimuddala Rohith Yadav

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SKILLS

- **Languages:** C++, JavaScript, C, Java, Python
- **Frameworks:** HTML and CSS, Scikit-learn, NumPy, Pandas, Matplotlib
- **Tools/Platforms:** Tableau, Automation Anywhere, Blender
- **Soft Skills:** Problem-Solving Skills, Team Player, Project Management, Adaptability, Communication

PROJECTS

Text Auto-complete model: August 2024

- **Aim:** To design a language model that helps with autocomplete
- **Description:** This language model learns from a given text corpus and utilizes techniques like **N-gram** to predict the next possible wordings suitable for text completion.
- **Tech:** Python, Pandas, Scikit-learn, NumPy, Seaborn, Matplotlib, N-grams, Natural Language Processing.

Text Generator: July 2024

- **Aim:** To create a text generator that creates text similar to the provided text corpus
- **Description:** This text generator model takes inspiration from a provided text corpus and learns the style with which the author wrote the text with the help of hidden **Markov chains** to build a sentence it further uses spaCy's parts of speech tagging to make **legible** and meaningful phrases.
- **Tech:** Python, Pandas, Scikit-learn, NumPy, Seaborn, Matplotlib, SpaCy, Natural Language Processing.

Credit Approval Model: April 2024

- **Aim:** To determine the best fit consumer for loan approval
- **Description:** The Credit approval model will help banks determine if the applicant is **best fit** for the loan based on his **background attributes** such as income, previous dues and others.
- **Tech:** Python, Pandas, Scikit-learn, NumPy, Matplotlib, SeaBorn.

Course Selection Bot using Automation Anywhere: November 2024

- **Aim:** To provide the best courses from Udemy to the user.
- **Description:** This course selection bot created using **Automation Anywhere** browses the web to Udemy website and identifies the best course with respect to the provided **search filter attribute**, further showing the list of best courses ranked as per their **rating**.
- **Tech:** Automation Anywhere, HTML, JavaScript.

CERTIFICATES

- Full stack development using MERN Stack - by Cipher Schools. July 2024
- ChatGPT Advance Data Analysis by Vanderbilt University May 2024
- Generative AI with Large Language Models by DeepLearning.AI, Amazon Web Services May 2024
- Build AI Apps with ChatGPT, Dall-E, and GPT-4 by Scrimba April 2024
- Introduction to Large Language Models by Google Cloud February 2024
- Introduction to Generative AI by Google Cloud February 2024

ACHIEVEMENTS

- **Represented Botswana in Model United Nations Conference** February 2025
- **Won a cash prize worth 15k in a hackathon conducted by Infineon Technologies** February 2025

EDUCATION

- **Lovely Professional University** Punjab, India
Bachelor of Technology - Computer Science and Engineering; **CGPA: 7.68** August 2022-Present
- **Velammal Vidhyashram** Surapet, Chennai
Senior Secondary; **Percentage: 79%** April 2018 - March 2022
- **Velammal Vidhyashram** Surapet, Chennai
Matriculation; **Percentage: 86%** April 2018 - March 2020