KARTHIK PAMOTI

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EDUCATION

Kakinada Institute of Technology and Science <div align="right">kakinada, AndhraPradesh</div>
Bachelor of Technology in Computer Science and engineering; CGPA:7.44 <div align="right">November. 2021 – May 2025</div>

Sri Chaitanya Junior College <div align="right">Razam, AndhraPradesh</div>
Higher Secondary; Percentage: 85.9 <div align="right">May. 2019 – July 2021</div>

EXPERIENCE

Data Science Intern <div align="right">October 2023</div>
Onestop.ai <div align="right">*Remote Participate*</div>

- Completed an internship at One Stop.ai, applying Data Science techniques within the domain of machine learning to analyze and interpret complex data sets.
- I developed an SMS Spam Detection project in Python using statistical analysis and machine learning. Additionally, I collaborated on a Hate Speech Detection model, utilizing NLP techniques in Python to identify offensive content on social media

AI and ML Intern <div align="right">July 2024</div>
Smartinternz!! <div align="right">*Remote Participate*</div>

- I successfully completed an internship at SmartInternz, specializing in the domain of *Artifical Intelligence*
- Completed certified IBM Cloud courses including Mastering the Art of Prompting, Introduction to Large Language Models, and Introduction to Artificial Intelligence.
- Earned project-based completion badges from NASSCOM-assigned courses.
- Specialized in tools like ChatGPT for Excel and foundational AI concepts.

PROJECTS

Realtime-Time-Language-Translator | *Python, Google Translation API* <div align="right">January 2025 – April 2025</div>

- Captures voice through a microphone, translates it using Google Translate API, and plays the translated speech with gTTS and pygame.
- Built with Streamlit for a simple web interface.
- Requires Python packages like streamlit, SpeechRecognition, gtts, pygame, googletrans, and pyaudio.

Credit Exploratory Data Analysis (EDA) | *Python and Datascience Techiniques* <div align="right">Sept. 2023 – October 2023</div>

- Involves analyzing credit-related datasets to understand customer behavior, loan defaults, and credit risk patterns.
- Uses techniques like missing value treatment, outlier detection, and visualization (histograms, boxplots, correlation heatmaps).
- Helps in feature selection and preparing data for predictive modeling in credit scoring and risk assessment.

Hate Speech Detection system and SMS Spam Detection system | *Python* <div align="right">October 2023</div>

- Hate Speech Detection System: Identifies and classifies offensive, abusive, or discriminatory language using NLP techniques and machine learning models.
- SMS Spam Detection System: Filters spam messages by analyzing text patterns, keywords, and sender behavior using classifiers like Naive Bayes or SVM.

TECHNICAL SKILLS

Languages: Python, C, SQL, JavaScript, HTML/CSS.
Frameworks: Angular, UI, Flask, RestAPI.
Developer Tools: Git, Docker, AWS, VS Code, Visual Studio.
Libraries: pandas, NumPy, Matplotlib.

CERTIFICATIONS AND BADGES

IBM Front-End Professional Certificate: : Coursera .
Html5/CSS3/Js/Python: Infosys Springboard.
Hackerank − Badges: : I earned 3-star silver badges in Python and SQL on HackerRank.
Credly − Badges: Got badges for Journey to Cloud, Intro to AI, and IBM Frontend courses on Coursera.