

# Chiliveru Veda Prakash

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## Summary

Proficient in applying machine learning algorithms, advanced data analytics, and big data technologies to solve complex problems, driving strategic decisions and enhancing business outcomes.

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## Work Experience / Internships

### Conversational AI Developer Intern

Kore.ai • Hyderabad, Telangana

02/2023 - 07/2023

- Built chatbot applications for automated support using intent detection and response generation.
- Developed scripts for user input handling and entity extraction.
- Fine-tuned models with data and feedback; collaborated on intuitive UX/UI.

### Content Writer

TeamEverestngo • Online

05/2021 - 06/2021

Developed an English curriculum for an organization.

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## Projects

### Automated Resume Screening using RAG(Sentence-BERT, FAISS, Flan-T5, Python, Recall@5, Streamlit)

- Developed a RAG-based system using Sentence-BERT, FAISS, and Flan-T5 to match resumes with job descriptions.
- Automated candidate evaluation across 10 job domains with improved Recall@5 and Precision@5 metrics.
- Showcased NLP, semantic search, and LLM integration for scalable, intelligent HR solutions.

### Leveraging AWS for Food Market Predictive Analytics(ML-XGBoost, Time Series Analysis, AWS-S3, Lamda, Python, Matplotlib)

- Built ML models and time-series pipelines to forecast food demand and reduce waste in supply chains.
- Deployed predictive analytics using AWS services including S3, SageMaker, and Lambda.
- Enabled data-driven inventory planning for sustainable food market operations.

### Fraudulent Transaction Detection in Financial Systems using ML(Python, Logistic Regression, Precision, Recall, Jupyter Notebook)

- Designed ML models to detect fraudulent transactions based on behavioral and pattern analysis.
  - Implemented algorithms like XGBoost and Random Forest, with class balancing via SMOTE.
  - Enhanced fraud prediction accuracy and real-time financial risk management.
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## Education

### MS in Data Science

University of New Haven

12/2025

Present CGPA - (3.5) Currently Pursuing

## B. Tech - Information Technology

Vignana Bharathi Institute of Technology

07/2023

CGPA - 8.51/10

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### Workshops

**Advanced Driver Assistance System** - Organized by Skyy Rider Institution.

A technology designed to improve the safety and convenience of driving. These systems use a combination of sensors, cameras, and other technology to assist the driver in a variety of ways. Some examples of ADAS features include:

- Lane departure warning.
  - Adaptive cruise control.
  - Automatic emergency braking.
  - Blind spot monitoring.
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### Skills

Machine Learning, Data Visualization, Natural Language Processing, Deep Learning, Data Cleaning, Python, MySQL, MongoDB, Git, PowerBI, Java, HTML+CSS, JavaScript, Node.js, React.js

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### Certificates

Essentials in Python(CISCO Certified), CCNA(CISCO Certified), DBMS(NPTEL Certified), RPA Associate Developer(BluePrism University), Content Writer(TeamEverestngo), Walmart Global Tech(Forage)

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### Reference Links

- **LinkedIn** - <https://www.linkedin.com/in/chiliveru-veda-prakash-0551621aa/>
  - **GitHub** - <https://github.com/VedaPrakashChiliveru>
  - **PortFolio** - <https://my-port-folio-brown-nu.vercel.app/>
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### Area of Interests

- AI & ML
- Data Visualization
- NLP