

P V S ABHISHEK

venksaiaabhishek.io | [linkedin://abhishek-p-v-s](https://www.linkedin.com/in/abhishek-p-v-s) | vsabhishek173@gmail.com | Tirupati, India

I'm a final-year B.Tech student in Computer Science, specializing in Artificial Intelligence and Machine Learning. I've built several end-to-end machine learning projects in areas like NLP, finance, and healthcare, gaining strong skills in Python, TensorFlow, scikit-learn, and data visualization. With a solid foundation in model development and evaluation, I'm excited to apply my skills in a Junior Machine Learning Engineer role where I can contribute to real-world AI solutions and grow in a collaborative environment.

PROJECTS

Phishing Email Detection Web App

Machine Learning Project

- Built a Streamlit web app that classifies emails as Phishing or Legitimate using a fine-tuned transformer (DistilBERT).
- Developed a clean and user-friendly interface that shows instant results with prediction confidence.
- Deployed on Streamlit Cloud for public use.
- Tools: Python, Hugging Face Transformers, Streamlit, Pandas
- [Live App](#) | [GitHub Link](#)

Stock Price Prediction using LSTM, IEEE Explore

Machine Learning Project and Research Paper

- Conducted a research study on predicting stock prices using Long Short-Term Memory (LSTM) networks.
- Used historical stock market data and applied time series which we obtained from yahoo finance dataset then used LSTM-based deep learning techniques.
- Evaluated the model using performance metrics like RMSE and MAE to validate prediction accuracy and obtained an accuracy of 97%.
- Submitted the paper for academic consideration and project work in ICSML and published it under Scopus index.
- [GitHub Link](#)

SKILLS

- **Tools:** Jupyter Notebook, Google Colab, Git, GitHub, VS Code, Tableau, Postman, Excel
- **Machine Learning & AI Skills:** Supervised & Unsupervised Learning, Neural Networks, CNN, RNN, Transfer Learning, Model Evaluation, Hyperparameter Tuning
- **Technical Skills:** Python, Java, SQL, NumPy, Pandas, Scikit-learn, TensorFlow, Keras, XGBoost, NLTK, Matplotlib, Seaborn, MySQL
- **Deployment & Dev Skills:** Flask (basic), Streamlit (basic)
- **Cloud & DevOps:** AWS, Oracle Cloud Infrastructure (OCI)
- **Soft Skills:** Problem Solving, Critical Thinking, Team Collaboration, Communication, Time Management

EDUCATION

VIT-AP University ,India

B.Tech in Computer Science and Engineering with AI and ML

Expected Graduation: 05/2026

Oracle Certified Foundations Associate

Oracle Cloud Infrastructure 2023 – AI Certified Foundations Associate

Issued: 07/2024 | [link](#)

AWS Academy Graduate – AWS Academy Cloud Foundations

Amazon Web Services (AWS)

Issued: Sep 2024 | [link](#)

EXPERIENCE

Computer Society of India (CSI) – Student Chapter

Team Member – Design & Content

07/2023 – Present · VIT-AP University ,India

- Gained hands-on experience working in a collaborative team environment, contributing to the design and publication of educational content on emerging tech topics.
- Used Figma to design visually appealing Instagram posts focused on AI, ML, and computer science facts, improving engagement with the student community.
- Developed soft skills such as team collaboration, communication, and time management while coordinating with peers to maintain a regular content schedule.
- Strengthened creative problem-solving by translating technical concepts into visually engaging, easy-to-understand social media content.