

Amanisai Pokala

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SUMMARY

Enthusiastic Computer Science graduate with practical experience in frontend and backend development. Strong understanding of modern web technologies, clean coding practices, and UI/UX principles. Ready to apply skills in a professional environment.

PROJECT

Customer Churn Prediction using Explainable AI (LIME & SHAP)

Final Year Major Project

- Led the design and development of a full-stack Customer Churn Prediction system to identify at-risk customers using machine learning models.
 - Built a React 18 frontend dashboard and developed REST APIs using Node.js and Express.js with MongoDB for data management and user handling.
 - Developed and deployed ML models using Python (Flask, Scikit-learn, CatBoost) and applied SHAP & LIME to interpret predictions and identify key churn-driving factors.
 - Tech Stack: React 18, Node.js, Express.js, MongoDB, Python, Flask, Scikit-learn, CatBoost, SHAP, LIME.
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EDUCATION

Bachelor's of Technology

Minor in Computer Science and Engineering • Sri Vasavi Institute of Engineering and Technology JNTUK

- Nandamuru, Andhra Pradesh • 2026 • 8.27
- Awarded full scholarship due to grades

Intermediate

Minor in Mathematics, Physics and Chemistry • Narayana Junior College • Tarnaka, Hyderabad • 2022 • 8.39

SKILLS

Frontend Technologies: HTML, CSS, React, React Native

Backend Technologies: Spring Boot, Node.js, Express.js, REST APIs

Database & Tools : MySQL, PostgreSQL & Git, GitHub, VS Code.

Programming Languages: Python, Java, JavaScript, Data Science, Full Stack.

Core Skills: Problem Solving, Communication, Teamwork.

CERTIFICATIONS

GOOGLE CLOUD GENERATIVE-AI VIRTUAL INTERNSHIP

Google Cloud • 2024

- Completed hands-on training in Google Cloud's Generative AI tools and LLM development, gaining practical experience in model building, prompt engineering, and deploying AI solutions using Vertex AI.

AWS DATA ENGINEERING VIRTUAL INTERNSHIP

aws academy • 2024

- Gained hands-on experience in AWS data engineering concepts by working with services like S3, Glue, Lambda, and Redshift to build, transform, and manage scalable data pipelines.

GOOGLE AI-ML VIRTUAL INTERNSHIP

Google for Developers • 2024

- Completed practical training in machine learning fundamentals, model development, and evaluation using Python, gaining hands-on experience with supervised and unsupervised ML techniques through Google's AI-ML program.

