

KEERTHIKA NIMMAGADDA

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 <https://keerthikaa27.github.io/Portfolio/>

EDUCATION

Vellore Institute Of Technology Bachelor of Technology	2022 – 2026 Amaravati
Narayana Junior College Intermediate	2020 – 2022 Vijayawada
Swarna Bharathi Educational Institutions Secondary School	2019 – 2020 Vijayawada

EXPERIENCE

Intrain Tech Summer Intern	01/2024 – 03/2024 Remote
<ul style="list-style-type: none">Contributed to a Python-based Healthy Lifestyle Recommendation System by applying data preprocessing, feature engineering, and statistical analysis to uncover actionable health trends.Improved model accuracy and interpretability through EDA, cross-validation, and visualizations using Matplotlib and Seaborn enabling data-driven health insights.	

SKILLS

Programming Languages — Python, Java, JavaScript, SQL, HTML, CSS

Frameworks & Libraries — React.js, Express.js, Node.js, Angular, Tailwind, Flask

Databases and Tools — MySQL, PostgreSQL, MongoDB, AWS, Docker, Git, CI/CD tools

CS Fundamentals — Data Structures and Algorithms, Object-Oriented Programming, Operating Systems, REST APIs

Soft Skills — Analytical thinking, Problem-solving, Communication, Teamwork

PROJECTS

Newsify - A news Chatbot 	09/2025
A RAG-powered full-stack chatbot for news websites	
<ul style="list-style-type: none">Developed and deployed a full-stack chatbot with React (frontend), Node.js and Express.js (backend), Redis (session caching), ChromaDB (vector database), and Jina embeddings integrated with Google Gemini API.Implemented session management, chat history, and reset functionality, showcasing complete full-stack development with scalable APIs, stateful frontend, and optimized backend workflows.	
Energy Forecasting Web Application 	
A Full-Stack Web application for energy consumption forecasting	
<ul style="list-style-type: none">Built and deployed a full-stack energy forecasting web application with React.js frontend and Flask REST API backend, integrating real-time predictions with interactive dashboards for trend analysis.Implemented LSTM neural networks using TensorFlow, NumPy, and Pandas, achieving accurate AI-driven forecasting and demonstrating end-to-end ownership from model design to production deployment.	
Fraudulent Transactions Detection Dashboard 	
A responsive web application for detecting fraudulent transactions	
<ul style="list-style-type: none">Developed a fraud detection dashboard with React.js, Danfo.js, and Plotly.js, delivering interactive visualizations, animated KPI metrics, and rule-based detection for identifying suspicious transactions.Optimized UI responsiveness and data handling to enhance performance across devices and improving risk analysis efficiency.	

CERTIFICATIONS

Oracle Cloud Infrastructure 2025 Foundations Associate — Validated knowledge of OCI fundamentals, cloud architecture, and core infrastructure services.

Oracle Cloud Infrastructure 2025 AI Foundations Associate — Validated understanding of AI concepts, services, and integration within Oracle Cloud Infrastructure.

POSITION OF RESPONSIBILITY

Technical Lead – Next-Gen Cloud Club

- Organized and led technical workshops, mentoring peers to enhance practical skills and teamwork.