

# Anusha Karingula

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## About Me

Passionate and curious third-year Computer Science student with a strong interest in UI/UX design, frontend development, and AI/ML. Skilled in building responsive web apps, designing in Figma, and developing ML models using Python.

## Skills & Expertise

- **Languages:** C, Java, Python, JavaScript, HTML, CSS, PHP, SQL (MySQL)
- **Tools & Libraries:** Pandas, Numpy, Latex, Matplotlib, Git, GitHub, Vercel, TensorFlow (Learning)
- **Design:** Figma (UI/UX Designing)

## Internships

AI/ML Intern, Edunet Foundation (Shell & AICTE Internship)	June'25 – July'25
• Developed a <b>Water Quality Prediction</b> model using <b>Random Forest Regressor</b> on real-world water quality datasets. ( <i>view project: <a href="#">GitHub</a></i> ).	
• Analyzed real-world water quality data including parameters like O <sub>2</sub> , NO <sub>2</sub> , SO <sub>2</sub> , NH <sub>4</sub> , and other contaminants.	
• Preprocessed and cleaned data, performed feature selection using Pandas and Scikit-learn.	
• Evaluated model performance using <b>R<sup>2</sup> score</b> and <b>Mean Squared Error (MSE)</b> to measure accuracy.	

## Education

Rajiv Gandhi University of Knowledge Technologies, B.Tech in Computer Science	2023 – 2027
CGPA: 8.6	
Rajiv Gandhi University of Knowledge Technologies, Pre-University Course (PUC)	2021 – 2023
CGPA: 9.7	
Telangana State Residential School, SSC (Secondary School Certificate)	2020 – 2021
CGPA: 10.00	

## Projects

Water Quality Predictor <a href="#">link</a>	June'25-July'25
• Developed a <b>machine learning model</b> to predict water quality using <b>Random Forest</b> , with end-to-end data processing and model evaluation ( <b>R<sup>2</sup>, MSE</b> ).	
• Deployed the project as an interactive web app using <b>Streamlit</b> .	
• Tools: Python, Pandas, Scikit-learn, Matplotlib	
Responsive Portfolio Website <a href="#">link</a>	May'25-June'25
• Designed and developed a personal portfolio using <b>HTML, CSS, and JavaScript</b> .	
Frontend Web Projects (Mini Apps)	April'25–May'25
• <b>Recipe App</b> – Fetched and displayed recipes from an external API using JavaScript.	
• <b>Weather App</b> – Displayed real-time weather data based on user location and search.	
• <b>Password Generator</b> – Created strong random passwords with custom user preferences.	
Coffee Shop Landing Page (UI/UX Design) <a href="#">link</a>	Oct'24-Nov'24
• Designed a high-fidelity landing page for a fictional coffee shop using <b>Figma</b> .	

## Certifications

- Artificial Intelligence Primer Certification – Infosys Springboard
- Principles of Generative AI – Infosys Springboard