

Vyshnavi Mutyalapalli

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<https://github.com/Vyshnavi1429>

PROJECTS

Rainfall Prediction using Multilinear Regression Model	June 2023 – July 2023
<ul style="list-style-type: none"> • a multiple linear regression model to predict rainfall levels • Used historical meteorological data for model training and evaluation • Analyzed key weather parameters including temperature, humidity, wind speed, and atmospheric pressure • Performed data preprocessing, feature selection, and statistical analysis • Interpreted model outputs to understand relationships between weather variables and rainfall patterns 	
Weather application interface HTML, CSS, Java script	May 2018 – May 2020
<ul style="list-style-type: none"> • Developed a weather application user interface using HTML, CSS, and JavaScript • Designed a responsive and user-friendly layout for displaying weather information • Integrated placeholder (mock) data to simulate real-time weather updates • Implemented dynamic UI elements using JavaScript for data rendering • Focused on clean design, usability, and front-end best practices 	
Smart India Hackathon (SIH) – Team Member / Developer Vite, TypeScript, React, shadcn-ui, Tailwind CSS	
<ul style="list-style-type: none"> • Participated in Smart India Hackathon, collaborating in a team to solve a real-world problem • Designed and developed a crop yield prediction system using Machine Learning 	
Ed-Tech App React, MongoDB, Python	Dec 2025 – Present
<ul style="list-style-type: none"> • Developing an interactive online learning platform using React.js for the frontend and Python (Django REST Framework) for the backend • Implementing JWT-based authentication and RESTful APIs for secure user and course management • Designing and managing databases using PostgreSQL/MongoDB and integrating cloud storage (Amazon S3/Firebase) for video content 	

EXPERIENCE/INTERNSHIPS

Virtual Internship – Data Analytics (Tableau)	April 2025 – June 2025
<i>SmartBridge</i>	<i>Remote</i>
<ul style="list-style-type: none"> • Completed a virtual internship focused on data analytics and visualization using Tableau • Created interactive dashboards and visual reports from structured datasets to identify trends and patterns • Performed data cleaning, preprocessing, and analysis to support data-driven decision-making • Presented insights through visual storytelling to communicate findings effectively 	

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, JavaScript, HTML/CSS, Python

Data Analytics and Visualization: Tableau

DevOps / Tools: Git, GitHub, VS Code

EDUCATION

Swarnandhra College of Engineering and Technology

Diploma in Computer Science and Engineering

Seetharampuram

Nov 2021 – May 2024

Vishnu Institute of Technology

Bachelor of Technology in Computer Science

Bhimavaram

Aug 2024 – May 2027