HARSHITH BHOOKYA

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EDUCATION

VNR Vignana Jyothi Institute Of Engineering And Technology, Hyderabad   Expected 2026
Bachelor Of Computer Science and Engineering (Artificial Intelligence and Machine Learning)   CGPA : **9.13**

PROJECTS

Elearning Platform Management | ReactJS, Python, OpenAI, Flask   *May 2025*

- Designed and developed a full-stack E-Learning platform to streamline online education.
- Built course management features for admins and progress tracking for users using **ReactJS** and **Python**.
- Integrated **Stripe** for payments, **OpenAI** for an AI assistant, and a personalized recommendation system to enhance engagement.

Food Analyzer Application | Python, CatBoost, NextJS, Flask   *January 2025*

- Developed a real-time food analysis application using **NextJS** and machine learning techniques.
- Integrated a **Random Forest** model using **CatBoost** and deployed it via **Flask** to recommend healthier food alternatives.
- Enabled fitness tracking, nutrition insights, and personalized diet planning in an intuitive interface.

Portfolio | HTML5, CSS, JavaScript, EmailJS, Vercel   *December 2024*

- Designed and developed a personal portfolio website to showcase skills, projects, and certifications.
- Implemented smooth navigation, scroll animations, and dark/light mode using **JavaScript** and **CSS**.
- Deployed the site using **Vercel** and integrated **EmailJS** for real-time contact form functionality.

SKILLS

Languages	C/C++, Python, Java, Javascript
Frameworks	ReactJS, TailwindCSS, Flask, Express.js
Databases	MySQL, MongoDB
Developer Tools	PowerBI, VS Code, Git and Git Hub.
CS Fundamentals	OOP, DBMS, Data Structures and Algorithms, Operating Systems, Networking.
Relevant Coursework	Artificial Intelligence, Machine Learning.
Soft Skills	Communication, Leadership, Problem-solving, Time Management

ACHIEVEMENTS

- Awarded a **Gold Certificate** in Smart Interviews DSA Program, securing a **global rank of 2875** out of 44,256 participants.
- Achieved a **Bronze Certificate** in NPTEL's **Programming with C++(OOPS)** course by IIT Kharagpur, with a score 73% .
- Secured **2nd place in DATATHON(24hr Hackathon)** at Muffakam Jah College Of Engineering, Hyderabad.

CERTIFICATIONS

- Certification in **Programming with C++ (OOPS)** from NPTEL.
- Certification in **Data Structures and Algorithms** from Smart Interviews.
- Certification in **Introduction to Large Language Models** from NPTEL.
- Certification in **Machine Learning** from SimpliLearn.
- Certified **Full Stack Developer** (MERN Stack).