Karthik Ujgiri

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EDUCATION

Institute of Aeronautical Engineering, Hyderabad   **2022 - 2026**
B Tech-CSE-Data Science (8.07 CGPA)

Deeksha Junior College, Nirmal   **2020 - 2022**
Intermediate-MPC (94.3%)

Vasavi High School, Nirmal   **2019 - 2020**
Secondary School Certificate (10.0 CGPA)

SKILLS

Frontend: HTML, CSS, Bootstrap, JavaScript, React.js
Backend: Express, Node.js
Databases: SQLite
Other skills: Data Science, Java Basic, UX design, Pandas, Python.

PROJECTS

Be-Consistent Application   **GitHub**
Built a full-stack productivity web app that helps users track their daily task completion with a visual calendar, personalized reports, and performance summaries. It includes features like progress tracking, daily/weekly streaks, dynamic reminders, dark/light mode toggling, and a secure "Forgot Password" reset flow via email.

Technologies used: HTML, CSS, Bootstrap, React.js, Node.js, Express.js, MongoDB, Nodemailer

Student Engagement Platform(SEP)   **GitHub**
Created a web application that facilitates online interaction between Knowledge Seekers and Knowledge Gainers, connecting learners with subject experts through features like Q&A forms, discussion forums, or real-time conversations.
Technologies used: HTML, CSS, JavaScript, Bootstrap, React.js, Node.js

UPI Fraud Detection Using Machine Learning   **GitHub**
UPI fraud detection system in Python to predict fraudulent transactions. Performed data preprocessing, feature engineering, and class balancing, then serialized the trained model and fine-tuned it for deployment. Used ensemble learning with Random Forest and Logistic Regression to improve model accuracy

Technologies used: Python, Pandas, Scikit-learn

CERTIFICATES

Cloud Computing Certification – NPTEL

Gained knowledge of cloud models, deployment strategies, and security concepts through a certified course by NPTEL

EXPERIENCE:

Pinnacle Labs: Web Development intern	June 2024
Bharath internship: Web Development intern	April 2024

ACHIEVEMENTS

METE Project Expo'23

Achieved 1st place out of 50 participating teams in the METE Project Expo 2023 at college, showcasing innovation and technical excellence

CodeQuest

Achieved a top 5 ranking in a college Hackathon, demonstrating strong problem-solving and teamwork skills.