SHARATH

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EDUCATION

Bachelor of Engineering in Computer Science   **Dec 2021 - Present**
SDM Institute of Technology, Ujire
- Relevant coursework in Software Engineering and Project Management.
- CGPA : 8.2/10

WORK EXPERIENCE

Software Intern , TechCiti Software Consulting Private Limited   **Oct 2023 - Nov 2023**
- Spearheaded a crop yield prediction project, elevating predictive accuracy by 25%.
- Leveraged advanced data science techniques to enhance model precision.
- Engineered and optimized data from over 100,000 data points for improved model outcomes.
- Refined input variables and performed feature selection to boost model performance.
- Architected and validated multiple predictive models using Python.
- Harnessed tools like Pandas, NumPy, and Scikit-learn for data processing and model development.
- Drove a 15% reduction in model error rates through continuous iteration.
- Mentored a team of 4 data software interns, advancing model accuracy.
- Devised a forecasting tool that increased planning efficiency by 30%.
- Presented data-driven insights to 10+ stakeholders, influencing strategic decisions.
- Propelled a 20% increase in data-driven decision-making within the organization.

UNIVERSITY PROJECT

HOSTEL MANAGEMENT SYSTEM
- Designed and implemented a hostel management system using DBMS.
- Automated reporting features, cutting manual workload by 40%.

EYE BLINK DETECTION
- Developed a blink detection system using OpenCV and Mediapipe.
- Achieved 95% accuracy in real-time blink detection.

YOUTUBE TRANSCRIPT SUMMARIZER
- Created a tool that generates concise YouTube video summaries using deep learning.
- Reduced content review time by 50%, accelerating decision-making by 2x.

EXTRA CURRICULAR ACTIVITIES

INDIAN RED CROSS SOCIETY, KARNATAKA
- Volunteered in blood donation camps, contributing to community service.
- Coordinated with medical staff, ensuring the safety and comfort of over 100 donors.
- Promoted awareness campaigns, increasing donor turnout by 20%

ADDITIONAL INFORMATION

Technical Skills:
- Programming Languages: C, Python
- Web Development: HTML, CSS, Django Framework
- Databases: SQL
- Algorithms and Data Structures

Languages:
- English, Hindi, Malayalam, Kannada, Tamil

Certifications:
- Python for Data Science (Infosys)
- Python Django (Infosys)
- Python Django Case Study (Infosys)