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SRIDHARALA CHIDVILASINI

Professional Links: LinkedIn | GitHub | Leetcode

Professional Summary:

Data Science and Software Developer currently pursuing a B.Tech in Computer Science at IIIT Raichur. I possess strong skills in machine learning, data analytics, UX design, and full-stack development. Proficient in Python, SQL, data visualization, and problem-solving, I have experience in creating user-centered applications and refining predictive models. I am looking for opportunities to leverage my technical skills and analytical approach in a vibrant, innovative setting.

Technical Skills:

- **Languages**: C, C++, Python, OOPs, HTML, CSS, JavaScript
- **Machine Learning & Data Analytics**: Scikit-learn, TensorFlow, Pandas, NumPy, Matplotlib, Seaborn, Probability, Hypothesis Testing, Regression Analysis, Data Visualization
- **Web Development Frameworks**: Django, Bootstrap
- **Databases**: SQL, SQLite3
- **Developer Tools:** VS Code, Linux, Terminal, Git, Jupyter Notebook, Spyder, Anaconda, IDLE, Google Colab
- **Version Control:** Git, GitHub
- **UX Skills**: UX Research, Wireframing, Prototyping, User Testing, Figma , Canvas

Professional Experience:

Data Science Intern
Koantek | May 2025 – Aug 2025
- Working on projects using the Databricks platform, focusing on automation, data pipelines, and MLOps workflows.
- Assisting with model deployment and lifecycle management using tools like MLflow and Apache Spark.

Teaching Assistant – Design and Analysis of Algorithms
IIIT Raichur | Jan 2024 – Present
- Mentored 50+ students in Data Structures and Algorithms, boosting problem-solving skills and engagement.
- Helped design assessments and supported workshops to improve student outcomes.

Key Projects:

Forest Fire Risk Prediction System | Python, ML, Kepler.gl | 2024
- Developed a model to predict fire occurrence using geospatial data.
- Integrated Kepler.gl for visualizing high-risk areas.

Clothify – Clothing Recommendation | Python, TensorFlow, Machine Learning, phpMyAdmin, HTML, CSS | 2023
- Created an AI-powered fashion recommendation system using deep learning.
- Improved user engagement through personalized suggestions.

Education:

B.Tech in Computer Science & Engineering
Indian Institute of Information Technology (IIIT) Raichur | 2022 – 2026

Certifications & Training:

AWS APAC - Solutions Architecture Job Simulation | AWS | 2024
Google UX Design Professional Certificate | Google | 2025
Databricks Complete ML Course | 2025

Proficiency:

Data Structures & Algorithms (DSA): Solved 200+ problems on LeetCode, GFG, and Coding Ninjas.

Leadership and Extracurricular Activities:

Kimo.ai Competition: Secured 4th place in college. **Event Manager** : EBSB Club-Organized and managed student exchange programs. **Former Hardware Lead** : Electrogeeks Club – Led hardware projects and technical sessions. **Inter IIIT Sports Meet**: Represented IIIT Raichur as a Female Badminton Player.