Surya R

@surya.in | +91 8248761528 | suryaraja8903@gmail.com | linkedin.com/in/suryar08 | github.com/SuryaR08

Education

Chennai Institute of Technology — Chennai, India
Bachelor of Technology in Artificial Intelligence and Data Science; 8.729 CGPA — *Oct 2021 – Apr 2025*

Technical Skills

Languages: Java, Python, SQL , JavaScript, HTML/CSS
Frameworks: Express.js, Flask, Django
Developer Tools: Git, GitHub Actions, Docker, AWS, Kubernetes, Postman, Jenkins, Tableau, Power BI, SonarQube
Libraries: React, Node.js, pandas, NumPy, Matplotlib, TensorFlow, Keras, Seaborn, Scikit-learn

Experience

UPS ITC – ISM Intern — Apr 2025 – Jun 2025
Onsite – Porur, Chennai

- Driving end-to-end MLOps solutions within EDA team to deliver high-impact business value.
- Developing scalable data pipelines and deploying ML models using CI/CD workflows.
- Collaborating cross-functionally to optimize cloud-based analytics and model performance.
- Hands-on with GCP services including Cloud Run/Functions, GKE, GCS, Vertex AI, Pub/Sub, VPC, and BigQuery.

Purple Optics – Project Intern — Jun 2023 – Jul 2023
Onsite – Mangadu, Chennai

- Spearheaded a transformative e-commerce website project for the brand utilizing React, Node, MongoDB
- Implemented new features like personalized recommendations, increasing user engagement by 30%
- Utilized Figma for prototyping and wireframing, delivering design and ideas effectively
- Utilized advanced data analytics techniques to achieve a significant 15% improvement in decision-making

Projects

EcoTrack | Project-Link | *React, Node, MySQL, Docker, SARIMA* — Apr 2024 – May 2024

- Environmental sustainability monitoring web application, achieving an 80% reduction in environmental impact
- User authentication and role-based access control, enhancing security and improving user engagement
- Tailored dashboards for users and admins, increasing data-driven decision-making efficiency by 25%
- Provided actionable insights for users to track progress and admins to monitor and schedule garbage collection

Agricultural Production Optimization | Project-Link | *Python, Jupyter Notebook* — Feb 2023 – Mar 2023

- Yield 96% accuracy using EDA, K-means clustering, and predictive modeling for precise crop selection
- Refined data quality with a 25% reduction in missing values, resulting in an 18% increase in model accuracy
- Help farmers make informed decisions about their agricultural practices

Churn-Er | Project-Link | *Python(EDA), Flask, Jupyter Notebook* — Jan 2024 – Feb 2024

- Achieved a model accuracy of 94.27% with precision, recall, and F1-score of 72%, 81%, and 77%, respectively
- Used Principal Component Analysis (PCA) to streamline data, achieving a competitive accuracy of 72.39%
- Conducted extensive data preprocessing and feature engineering to optimize model performance and accuracy
- Deployed the predictive model seamlessly, creating an intuitive web interface for interactive churn predictions

Connect | Project-Link | *React, Node, MySQL, Docker, AWS(EC2)* — Mar 2024 – Apr 2024

- Campus communication application, featuring secure user authentication, post creation, comments, and likes
- Enhanced campus engagement by 80%, enabling easy information sharing and fostering community interaction
- Achieved 90% user satisfaction rate with intuitive and user-friendly interface, ensuring seamless user experience
- Significantly improved the sense of community and connectivity among students and faculty

Certifications

IEEE Conference : Published on **Smart Waste Management System** at ICFTS 2025
NPTEL: Elite batch 65% in cyber security and privacy
SQL: by HackerRank
Problem Solving: by HackerRank

Coding Profiles

Leetcode: 290 problems with global contest rating 1,503
Codecheff: Global contest rating 1,220
HackerRank: Python Gold Batch & SQL Silver badge
Skillrack: 1300+ problems 381 Medals 13 Certificates
Codeforces: Global contest rating 937