Shridhar Naragund

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Education

•KLE Technological University (BVBCET) *2021 - Present*
B.E in Electronics and Communication Eng CGPA: 7.45

•Srushti PU Science College, Dharwad *2018 - 2020*
Karnataka Pre-University Board Percentage: 88

•The Unique English Medium School, Laxmeshwar *2018*
Karnataka Secondary Education Examination Board Percentage: 91

Experience

• Infosys Limited, Hubli DC
Specialist Programmer Intern 2025-Present

– Worked on an urban livability planning use case using satellite data for spatial analysis and decision-making.
– Trained in Java backend development, Spring Boot, Rest APIs, and Spring Data for building scalable and efficient backend services.

• Center for Artificial Intelligence Research (CAIR)
Project Trainee 2023-2024

– Worked on building a user-friendly GUI for dual health risk prediction: heart failure and diabetes.
– Worked on building a semi-automated annotation tool for object detection and tracking algorithms.

• Innomatics Research Labs
Data Science with Gen AI Intern 2024

– Developed 'GenAI-App-Code-Reviewer', a Python Streamlit app using Google Generative AI to review code, improve quality, and identify bugs.
– Analyzed Domino's Pizza store data to optimize delivery times, revenue trends, and fleet management.

Personal Projects

• Dual Health Risk Prediction GUI: Heart Failure and Diabetes

– Implemented traditional machine learning models (Logistic Regression, SVM, KNN, Naive Bayes, Random Forest) and a deep learning model (ANN) for heart failure prediction.
– Utilized advanced ML models including Random Forest, XGBoost, and LightGBM for diabetes prediction.
– Developed an intuitive GUI to facilitate seamless interaction with the prediction models.

• Urban Livability Planning Using Satellite Data and Geospatial Analysis

– Utilized satellite-derived indices (NDVI, NDBI, NDWI) along with land surface temperature, air quality, and noise levels to evaluate urban livability zones through spatial analysis in GIS tools.
– Enabled data-driven decision-making for sustainable urban planning by integrating multi-parameter raster data and identifying high-stress urban zones with poor ecological and environmental balance.

Technical Skills

Languages: C, Cpp, Java, Python.
Frameworks: Spring Boot, React with Redux

Achievements & Certifications

•Presented Research Paper titled Advanced User Interface for Cardiovascular Risk Forecasting using Artificial Neural Network at the 9th International Conference on ICT for Sustainable Development (2024).

•Certified in Cyber Security and Privacy by NPTEL, awarded by IIT Madras (2024).