

Niranjan Hegde

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Career Objective

A passionate and driven individual with a strong interest in Web Development and AI/ML, seeking an opportunity to apply academic learning to practical challenges. Adept at building efficient solutions with a growth mindset and a collaborative approach. Eager to contribute to impactful projects while continually enhancing technical and professional skills.

Education

Bachelor of Computer Applications (CGPA 8.8)
Karnataka University, Dharwad

Expected Graduation: June 2025
Sirsi

Technical Skills

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|--------------|--------------|----------------|--------------|
| • C language | • HTML | • PHP | • Ubuntu |
| • Java | • CSS | • MySQL | • R language |
| • Python | • JavaScript | • Git & GitHub | • MS Office |
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Projects

- Weather Forecast Website | JavaScript, HTML, CSS, API October 2024
Developed a responsive web app that displays real-time weather information based on user input. Integrated the Open Weather API to fetch and present temperature, humidity, wind speed, and weather conditions. Focused on clean UI/UX design using HTML, CSS, and JavaScript for smooth user interaction. Demonstrates API integration and dynamic content rendering in a client-side web application.
 - Milk Dairy Website | HTML, CSS, Bootstrap, JavaScript [view here](#) January 2025
Designed and developed a static website to showcase traditional Indian dairy products under the Kamadhenu brand. Included product listings with pricing, images, and a user-friendly interface. Implemented consistent styling and responsive layout across all pages for smooth navigation. Highlights skills in frontend development, branding, and clean UI design.
 - Home Price Prediction Web App | Python, Flask, NumPy, Pandas, SK-Learn [view here](#) April 2025
Developed a Flask-based web application that predicts house prices using a machine learning regression model. Integrated OpenStreetMap to visualize user-selected locations. Implemented data preprocessing, model integration, and responsive frontend using HTML, CSS, and JavaScript.
 - Tomato Leaf Disease Detection | Python, Flask, Deep Learning [view here](#) May 2025
Built a web application using Flask to detect tomato leaf diseases with Convolutional Neural Network (CNN) and Efficient Net models. Implemented image preprocessing, model inference, and user authentication with scan history tracking. Designed a responsive frontend using HTML, CSS, and Bootstrap. Integrated SQLAlchemy for secure user management and data handling.
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Experience

Internship Studio – Data Science Intern

Oct 2024 – Feb 2025

Gained hands-on experience in data analysis, machine learning, and data visualization using Python-based tools. Worked on a COVID-19 dataset to identify trends, correlations, and key health indicators affecting infection and recovery rates. Performed data cleaning, exploratory data analysis (EDA), and applied regression and classification models for predictive insights. Created interactive visualizations using libraries like Matplotlib, Seaborn to present findings clearly. Strengthened skills in NumPy, Pandas, Scikit-learn, and real-world dataset handling.