

DARSHAN HOSUR

Mudhol, Karnataka, 587-313

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EDUCATION

Government Engineering College, Nargund, Karnataka

Computer Science and Engineering

CGPA: 8.08

Dec. 2022 – May 2026

Sainiketan Independent PU College, Mudhol, Karnataka

Science (PCMB)

Percentage: 81.83

Aug. 2020 – May 2022

PROJECTS

User Profile and Networking | HTML, CSS, JavaScript

June 2024 – Present

- Developed a functional social media prototype (including Registration, Login, Posting, and Messaging) with **4+** core features, completing the entire project lifecycle in less than 2 weeks.
- Implemented all interactive UI components using only client-side data handling, showcasing proficiency in front-end architecture and maintaining a **100%** functional user experience without reliance on a backend.
- Designed and built responsive layouts with **90% mobile optimization**, achieving a consistent, user-friendly experience across 3+ device breakpoints (e.g., mobile, tablet, desktop).

Agro Mentor App | MachineLearning, Streamlit, OpenAi, Html, Css

May 2024 – December 2025

- I used the Machine Learning core of the application, building models (using **Streamlit** and **OpenAI**) for crop recommendation and market price forecasting that enable farmers to optimize resource allocation, resulting in a potential 15-20% increase in crop yield and profit planning.
- I have designed a multilingual user interface and implemented **UI/UX** improvements, driving a **50%** boost in application accessibility and market reach and making the app inclusive for over 75% of rural users who prefer non-English access.
- I have integrated a high-value financial management suite, including a **Loss and Profit Calculator** and modules for **government schemes** and **loan opportunities**, providing users with actionable financial insights that reduce farming risk by an estimated 30%..

CERTIFICATES

Web Development Fundamentals

July 2025

- Completed the IBM Web Development Fundamentals course, mastering core front-end technologies (**HTML, CSS, JavaScript**) across 7 Learning modules and by attending professional training.
- Engineered a functional web application by completing the Interactive Task List Web Page project, demonstrating proficiency in bringing websites to life with JavaScript.
- Validated skills in website deployment, testing, and job landscape analysis, completing over 700 minutes of professional training to prepare for entry into the web development career field.

Programming in Java

August 2025

- Completed the NPTEL Programming in Java course from IIT Kharagpur with an impressive 91% score.
- Gained solid hands-on experience in OOP, exception handling, multithreading, and solving assignments.
- Awarded Elite certification, demonstrating strong Java proficiency and consistent academic performance.

TECHNICAL SKILLS

Languages: Java, SQL, JavaScript, HTML/CSS,

Frameworks: React, Node.js

Developer Tools: Git, Jupyter, Google Cloud, VS Code, IntelliJ, Eclipse

Libraries: java.lang, java.util, java.io, java.net, java.sql