

# 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