

EDUCATION

University of Agricultural Sciences, Bangalore

Bachelor of Technology in Agricultural Engineering

2021-2025

CGPA: 8.10/10

Sushant Public School

Senior Secondary, CBSE

2021

Percentage:88%

Holy Cross Public School

Matriculation ,CBSE

2019

Percentage:92%

EXPERIENCE

Cloud Grep

May 2024 – July 2024

Software Development Engineer Intern

- Designed and built full-stack features for a lightweight VM dashboard using HTML, CSS, JavaScript, Node.js, and MongoDB, improving frontend performance by 30% through responsive UI components.
- Developed RESTful APIs using Express.js to handle VM lifecycle operations, reducing request processing time by 40%.
- Integrated WebSocket functionality for real-time VM status updates, decreasing update latency by 50% and enabling seamless user interaction.

PROJECTS

Spotify Clone- Music Streaming Web App

June 2025

Personal Full Stack Project

Built a responsive music streaming web app replicating Spotify's core features using HTML, CSS, JavaScript, Node.js, and Express.js.

- Implemented UI components like song lists, play/pause controls, search bar, and playlist functionality.
- Integrated audio playback using JavaScript and managed track data via JSON or mock APIs.
- Added user-friendly design with responsive layout and smooth interaction.

Kisan IQ – Smart Farming Assistant

Jan 2025

Personal Full Stack Project

Built a full-stack Agri-tech web app providing real-time insights and intelligent crop recommendations for Indian farmers.

- Created a responsive UI with HTML, CSS, JS, and Bootstrap for rural accessibility.
- Developed backend using Node.js, Express.js with MongoDB & SQL for hybrid data storage.
- Added crop suggestions, weather API, disease alerts, calculators, login system & admin dashboard with GitHub integration.

TECHNICAL SKILLS

Programming Languages: C, Java, JavaScript.

Web Technologies: HTML, CSS, React JS, Next JS, Tailwind, Node JS

Database Data base Management System (DBMS), MongoDB

Miscellaneous: Object-Oriented Programming (OOPs), Operating System, Computer Networks, SQL, Git, VS Code

CERTIFICATIONS

- C Programming** – Infosys Springboard (Completed: March 2023)
- The Complete Web Development Bootcamp** – Udemy (Completed: Aug 2024)
- Full Stack Developer Training Program** – University of Agricultural Sciences, Bangalore (Completed: 2024)

WORKSHOPS & TRAININGS

- Attended 5-day workshop on "Advanced JavaScript & Web APIs" conducted by Code Camp India – Feb 2023
- Participated in Full Stack Development Bootcamp organized by University of Agricultural Sciences, Bangalore – Aug 2024
- Completed practical training on "MongoDB and RESTful APIs" through Infosys Springboard – May 2025

PORTFOLIO

Personal Portfolio Website showcasing all my projects, tech stack, resume, and certifications. Built using HTML, CSS, JavaScript, React. Visit: deepikarani2k3.github.io/Deepika.dev/