

AMAN JEET SINGH

amanjeet1089singh@gmail.com | (+91) 8544646494

 @AMAN-JEET-SINGH

 / aman-jeet-singh

ROLES AND RESPONSIBILITIES

Verdant One Health (Freelance)

Full Stack Web Developer | Mar 2025 – Apr 2025

- Developed and optimized the main landing page using **React** and **Tailwind CSS**.
- Built scalable backend APIs with **Node.js**, **Express**, and **MongoDB**.
- Delivered user-friendly features for ambulance booking, medicine e-commerce, and doctor consultations.

SKILLS

- ❖ **Languages:** C++, Java, JavaScript, Python, SQL
- ❖ **Technologies & Tools:** React.js, Node.js, Express.js, Tailwind CSS, Socket.io, JWT, MongoDB, PostgreSQL, TensorFlow, Flask, Git, GitHub, VS Code, HTML, CSS, Bootstrap
- ❖ **Domains & Expertise:** Full-Stack Web Development, REST API Design, Real-time Applications, Authentication & Security, Deployment, Healthcare & E-commerce Platforms

EXPERIENCE

- ❖ **Freelance Work | Verdant One Health** (Mar-Apr'25)
Developed a full-stack website for *Verdant One Health*, a healthcare startup offering ambulance booking, medicine e-commerce, and doctor consultations. Built using **React**, **Node.js**, **Express**, **MongoDB**, and **Tailwind**.
- ❖ **CPC Hackathon winner | intra-college competition** (Nov'24)
Won the intra-college CPC Hackathon organized by the CPC Club. Developed a website with AI-based crop recommendation models using Python and TensorFlow. The app helped farmers get data-driven crop suggestions to improve yields.
- ❖ **Code Red 4.0 Triathlon (Top 10 Team)** (24-27 Oct'24)
Developed a Python-based project utilizing PyTorch with three machine learning models. Focused on soil fertility analysis, crop recommendation, and plant disease detection to provide data-driven agricultural solutions.
- ❖ **Intern | KistechnoSoftware** (15 Jul '24- 31 Jul '24)
Completed a 15-day internship at KistechnoSoftware, learning web development basics with PHP and SQL. Built an eCommerce website for a restaurant, gaining practical experience in backend development and database management.

ACADEMIC PROJECTS

- ❖ **Verdant One Health – Healthcare Web Platform**
Built a full-stack web app for ambulance booking, medicine e-commerce, and doctor consultations using **React** and **Tailwind CSS** for the frontend, **Node.js** and **Express** for the backend, and **MongoDB** as the database.
- ❖ **Tut-lers | ed-tech platform using Web3**
Tut-lers is an innovative ed-tech platform designed to assist engineering students, built with Web3 technology on Solana, and features an integrated chatbot for enhanced learning support.
- ❖ **Reactive PDF reader**
I built a project that takes a PDF from the user and generates a reactive form, allowing users to read the document easily without needing to zoom in or out.

EDUCATION

- ❖ **SKIT, Jaipur** (Sep 2023 – May 2024)
B.Tech in Computer Science CGPA: 9.4/10
Relevant Coursework: Object-Oriented Programming, Operating Systems, Databases, Machine Learning, Data Structures & Algorithms, Computer Organization, Statistics & Probability.