

Hemant Singh

7668196824 | hemnt41@gmail.com | linkedin.com/in/hemant2104 | github.com/Hemxnt

EDUCATION

Guru Gobind Singh Indraprastha University

B.Tech in Computer Science and Engineering — CGPA - 8.2

New Delhi, IN

2021 - 2025

EXPERIENCE

Web Developer Intern - Codsoft

Aug 2023 - Sept 2023

- Contributed to building a comprehensive platform for hosting and delivering online courses, which included features such as user registration, course enrollment, video lectures, quizzes, progress tracking, and certificate generation
- Implemented user registration and authentication systems.
- Gained hands-on experience in web development, coding, and problem-solving while collaborating with the development team

nameSpace Community - Senior council

Mar 2023 - Present (1 year 1 month)

- Actively engage in community discussions and projects focusing on AI and machine learning.
- Collaborate with peers on AI training initiatives, contributing domain expertise and technical insights.

PROJECTS

NutriAI - Instant Nutrition Analysis with a Click!

Try it here

- Enabling users to capture food images for instant analysis of macronutrients and micronutrients.
- Utilizing Streamlit.io for frontend development and Gemini Pro Vision API for precise image recognition.
- Delivered personalized recommendations tailored to users' body type and dietary preferences.

Pocket: Payment Wallet

Github

- Secure payment wallet application using the MERN stack.
- Authentication and authorization mechanisms using JWT to ensure data security.
- Created a secure and user-friendly interface for digital transactions, including account management and fund transfers.

onAir: Live Streaming in Your Browser

Github

- Real-time communication and collaboration tools utilizing Socket.IO.
- High-performance video streaming with RTMP protocol, optimized with FFmpeg for exceptional quality.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, JavaScript, HTML5, CSS3

Frameworks and Libraries: React, Node.js, Material-UI, Tailwind CSS, Express, MongoDB, MySQL

Developer Tools: Git/GitHub, Docker, VS Code

Coursework: Data Structures and Algorithms, DBMS, OOP

CERTIFICATIONS

Spoken Tutorial Project, IIT Bombay - RDBMS PostgreSQL Training

Spoken Tutorial Project, IIT Bombay - Java Training

Bootcamp in C++, DSA, and IOT

Python - Kaggle — IIT Bombay