

Hemang Yadav

CSE intern

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🔗 hemangyadav02.github.io/my-portfolio/

Profile

“CSE student specializing in AI/ML with hands-on experience in building real-world projects using Python and NLP. Built tools that cut resume screening time by 60%. Seeking a technical internship to apply ML and data processing skills in scalable applications.”

Education

B.Tech CSE (Artificial Intelligence/Machine Learning), SRM University (KTR)	2023 – Present
Second-year student with 8.63/10 grade (3rd sem-2nd year)	Chennai, India
Current relevant coursework: Data Structures & Algorithms, Machine Learning, Object-Oriented Programming, Database Management Systems, Python programming, C programming	

Skills

Languages: Python, C++, SQL, C

AI/ML & Data Science: Machine Learning, NLP, Computer Vision, Digital Image Processing, TensorFlow, PyTorch, scikit-learn, Pandas, NumPy, Matplotlib, Jupyter Notebook

Tools & Platforms: OpenCV, Arduino, SQLite, Flask, Git & GitHub, IBM Cloud, AWS (Image Processing)

Core CS Concepts: Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP), Database Management Systems (DBMS)

Soft Skills: Problem-solving, Team Collaboration, Project Execution, Communication

Extracurriculars

BLOCKCHAIN CLUB SRM

“Organized 3+ workshops on blockchain and web dev with 100+ student attendees. Collaborated on a mini-project involving smart contracts and frontend integration.”

Projects

AI Resume Screening, Tech Stack: Python, NLP (TF-IDF, cosine similarity), SQLite [🔗](#)

“Created an AI-powered resume screening tool using TF-IDF and cosine similarity to rank candidate relevance to job descriptions. Integrated SQLite for dynamic resume storage and querying. Cut manual screening effort by over 60% in testing with sample datasets.”

Future Me – AI Career Counsellor Chatbot, Python, OpenAI GPT-3.5, CLI [🔗](#)

- Developed an **AI-powered career counselling chatbot** using **Python** and **OpenAI GPT-3.5 API**.
- Implemented **multi-personality modes** (Mentor, Recruiter, Visionary) for personalized advice.
- Integrated **resume improvement tips** and **career roadmaps** tailored for students.
- Built a **command-line interface** with persistent **chat history logging**.

- Managed API keys securely with .env and published the project on **GitHub**.

Personal portfolio website, “*Responsive website built with HTML, CSS & JavaScript*” [↗](#)

“Built and deployed a responsive portfolio website to highlight academic projects, technical skills, and certifications. Enhanced personal branding by integrating GitHub repositories, LinkedIn profile, and resume download functionality.”

Therma Rover [↗](#)

“Developed a thermal-sensing rover using Python and Arduino, capable of real-time monitoring with wireless data transmission. Used OpenCV for object detection with 90%+ accuracy. Reduced manual monitoring time by 70% during tests in simulated environments.”

Certificates

AWS Image processing [↗](#)

Data Science Tools[IBM] [↗](#)

Python For Data Science[IBM]

[↗](#)

Machine Learning Onramp [↗](#)