

Chetan Lohia

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Enthusiastic and analytical B.Tech CSE (AI & ML) student with a strong foundation in programming, data analysis, and machine learning. Experienced in AI-driven academic projects and passionate about solving real-world problems through innovative technology.

EDUCATION

B.tech CSE w/s AI & ML

SRM Institute of Science & Technology

CGPA : 9.18 , Expected graduation : 2027

2023 - Present

Chennai, India

EXPERIENCE

AI Intern

July 2025 – Present

LaunchED

- Collaborating on AI-focused projects including model development and data preprocessing.
- Assisting in deploying and testing machine learning solutions in real-world scenarios.
- Supporting research on optimizing neural network performance for practical applications.

Technology Consulting Virtual Intern (Job Simulation)

June 2025

Deloitte Deloitte Australia | Forage – Virtual Experience

[\[View\]](#)

- Participated in a job simulation focused on software development and technology consulting.
- Wrote a client-facing proposal for an interactive business dashboard based on project requirements.
- Demonstrated ability to analyze client needs and communicate solutions effectively.

Solutions Architecture Virtual Experience Program

June 2025

Amazon Web Services (AWS) APAC | Forage

[\[View\]](#)

- Designed and simple and scalable hosting architecture based on Elastic Beanstalk for a client experiencing significant growth and slow response times.
- Described my proposed architecture in plain language ensuring my client understood how it works and how costs will be calculated for it.

PROJECTS

AI-Powered Legal Chatbot [\[View\]](#)

January 2025

- Designed and implemented a conversational AI chatbot simulating a legal advisor, capable of handling both legal queries and general conversation.
- Utilized OpenAI's API with LangChain and Ollama for LLM orchestration and prompt handling.
- Integrated modular logic using Python for legal validation and response accuracy.
- Technologies: Python, OpenAI, LangChain, Ollama, PyTorch, JSON

Electricity Bill Management System [\[View\]](#)

April 2025

- Created a full-stack web application for generating and managing electricity bills.
- Implemented user interface, backend logic, and database connectivity.
- Stored billing records securely using MySQL and handled calculations dynamically.
- Technologies: HTML, CSS, JavaScript, PHP, MySQL

Marine Debris Detection System [\[View\]](#)

May 2025

- Built a real-time object detection system to identify marine debris using YOLOv8.
- Developed a Flask web app to display live video feed with annotated detections.

- Integrated OpenCV for frame processing and used multithreading for smooth performance.
- Exported data in JSON and CSV formats for analysis.
- Technologies: Python, YOLOv8, Flask, OpenCV, NumPy, JSON, CSV

Personal Portfolio Website [\[View\]](#)

June 2025

- Designed and deployed a responsive personal website to showcase projects and skills.
- Used React for component-based development and modern UI practices.
- Ensured cross-device compatibility and performance optimization.
- Technologies: React, HTML, CSS, JavaScript

CERTIFICATIONS

- **Accelerex Crash Course in Power BI** - LaunchED | June 2025 [\[View\]](#)
- **Building a Machine Learning Ready Organization** -AWS Training & Certification | June 2025 [\[View\]](#)
- **Solutions Architecture Job Simulation** -AWS | Forage | June 2025 [\[View\]](#)
- **Technology Job Simulation** - Deloitte | Forage| June 2025 [\[View\]](#)
- **Full Stack Web Development** - Great Learning | November 2024 [\[View\]](#)
- **Mastering ML Fundamentals** - YouTube Workshop | September 2023 [\[View\]](#)

SKILLS

Technical Skills

- Programming: Python, C, C++, JavaScript, SQL, HTML, CSS, PHP
- Frameworks: React.js, Flask,Node.js
- AI/ML: PyTorch, LangChain, OpenAI, LLMs, YOLOv8, Ollama
- Tools: Git, GitHub, MySQL, Power BI, VS Code, Postman
- Concepts: Machine Learning, Object Detection, Chatbot Development, API Integration, Full Stack Development, Data Analysis, Web Development

Soft Skills

- Problem Solving
- Communication
- Team Collaboration
- Analytical Thinking
- Adaptability
- Time Management

AWARDS AND ACHIEVEMENTS

- **2nd Place, Cricket Tournament** — International Students Day, SRMIST | March 2025
Awarded by Directorate of International Relations, SRMIST
- **Certificate of Merit** — Demonstrated “SOS System” working model | TechKnow 2023–24 | SRMIST | April 2024
Given by Department of Physics and Nanotechnology
- **Best Delegate** — GEMS Model United Nations (MUN) 2021 | Sept 2021
- **Head of Security Team** — GEMS Model United Nations (MUN) 2022 | Sept 2022

LANGUAGES

- English - Fluent
- Hindi - Native
- Nepali - Native
- Marwadi - Conversational
- Chinese - Basic