

Shivam Sharma

📍 Jalandhar, India ✉ shivxmsharma@gmail.com in linkedin.com/in/shivxmsharma 🐙 github.com/shivxmsharma

Summary

Motivated and results-oriented B.Tech CSE student with expertise in full-stack web development and machine learning. Passionate about building scalable systems and deploying AI-powered solutions. Familiar with Agile workflows, sprint planning, Git, and remote team collaboration. Seeking Software Development or AI/ML Engineering roles to contribute to impactful product development in a collaborative, growth-focused environment.

Education

Seth Jai Parkash Mukand Lal Institute of Engineering and Technology, 2022 – 2026
Radaur

B.Tech in Computer Science and Engineering

Sain Dass A.S. Senior Secondary School, Jalandhar 2021
Senior Secondary (XII) – PSEB – 88.4%

Technical Skills

Languages: Python, C++, JavaScript

Web Technologies: HTML, CSS, React.js, Node.js, Express.js, REST APIs

Databases: MongoDB, MySQL

Tools & Platforms: Git, GitHub, Postman, VS Code, Firebase, Streamlit

AI/ML Frameworks: scikit-learn, TensorFlow, NumPy, Pandas, Matplotlib

Concepts: OOP, DSA, SDLC, Agile, Version Control, Remote Work, Communication

Projects

AI-Powered Postal Delivery System Mar 2025 – Present
Backend Engineer & ML Lead

- Designed AI-based route optimization algorithm increasing postal delivery efficiency by 18%.
- Built scalable REST APIs managing 5000+ records, ensuring secure and efficient data flow.
- Delivered analytics dashboard; collaborated across teams for actionable logistics insights.
- Tech Stack: Python, Flask, MongoDB, TensorFlow, REST API, Git

Real-Time MERN Chat App + Google Gemini AI Jan 2025 – Feb 2025
Full-Stack Developer

- Developed real-time chat app using MERN stack and Socket.IO for seamless messaging.
- Integrated Google Gemini API for AI-assisted replies and built JWT-based user auth.
- Ensured scalability and persistence for 1000+ concurrent users with MongoDB backend.
- Tech Stack: React.js, Node.js, Express.js, MongoDB, JWT, Socket.IO, Gemini API

CropIntelAI – Crop & Fertilizer Recommendation System Apr 2025 – May 2025
AI Intern

- Created ML model achieving 98% accuracy in predicting optimal crops and fertilizers.
- Deployed a responsive interface using Streamlit with modular codebase for user interaction.
- Trained, evaluated, and deployed Decision Tree-based model using agricultural datasets.
- Tech Stack: Python, scikit-learn, Pandas, Streamlit, Git

Internships

AI Intern – Green Skills Initiative (AICTE & Shell) Apr 2025 – May 2025
Remote

- Developed CropIntelAI as part of a sustainability-focused AI initiative.
- Handled end-to-end ML lifecycle from data preprocessing to deployment.

- Applied sustainable ML principles in model efficiency and interpretability.

Certifications

- Goldman Sachs Virtual Internship (Mar 2025) – Backend API development for stock trading system.
- AWS Cloud Virtual Internship (Mar 2025) – Built serverless apps using AWS Lambda, EC2, S3.
- AI Certification – AcmeGrade (Apr–May 2025) – ML and data analytics training with project work.

Leadership & Extra-Curricular

Team Leader – Smart India Hackathon 2024

2024

- Led a 6-member team to propose AI-based Market Place for farmers connecting them with the Potential Buyers at a national innovation challenge.
- Actively solving DSA problems on LeetCode.