

# Shivam Sharma

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## Objective

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Versatile and goal-oriented developer with practical experience in Full-Stack Web Development and ML through impactful projects and internships. Skilled in building scalable systems, deploying AI-driven solutions, and working in Agile teams. Actively seeking Software Development or AI/ML roles to contribute to real-world product development and grow within dynamic tech environments.

## Technical Skills

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**Languages:** Python, C++, JavaScript

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

**Databases:** MongoDB, MySQL

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

**Cloud & Tools:** AWS Cloud, SageMaker, Comprehend, Lex, Polly, Lambda, Git, GitHub

**Concepts:** AI&ML Deep Learning, NLP, OOP, DSA, SDLC, Agile

## Projects

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### 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.

### 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.

### CropIntelAI – Crop & Fertilizer Recommendation System

Apr 2025 – May 2025

*AI Intern*

- Created ML model achieving 98% accuracy in predicting optimal crops and fertilizers.
- Deployed interactive web tool via Streamlit for real-time user predictions.
- Trained, evaluated, and deployed Decision Tree-based model using agricultural datasets.

## Internships

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### AI Intern – Green Skills Initiative (AICTE & Shell)

Apr 2025 – May 2025

*Remote*

- Selected among top 1% nationwide for developing AI-based sustainability solutions.
- Developed CropIntelAI as part of a sustainability-focused AI initiative.
- Applied sustainable ML principles in model efficiency and interpretability.

## Certifications

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- **AWS Certified AI Practitioner (AIF-C01)** (Jul 2025) – Validated foundational AI/ML skills using AWS tools like SageMaker, Polly, Comprehend, and Lex.
- 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 & ML Training – AcmeGrade (Apr–May 2025) – ML and data analytics training with project work.

## Education

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**Seth Jai Parkash Mukand Lal Institute of Engineering and Technology,**

2022 – 2026

**Radaur**

*B.Tech in Computer Science and Engineering*