

# AARTI SAHU

## ASPIRING ARTIFICIAL INTELLIGENCE DEVELOPER

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## SKILLS

- **Languages:** Python, JavaScript, Java, SQL
- **Web Technologies:** HTML5, CSS3, Node.js, Express.js, React.js
- **Machine Learning:** Scikit-learn, TensorFlow, Keras
- **Tools:** Git, Docker, AWS, Jupyter
- **Databases:** MySQL, MongoDB
- **Other :** Problem Solving, Collaboration

## EDUCATION

B.Tech, Computer Science, 2022- 2026

**Specialization : AI & ML**

Woxsen University, India

CGPA: 8.5/10

## CERTIFICATIONS

- AWS Certified Machine Learning
- IBM Full Stack Developer – Coursera
- Professional Skills For the Workplace - Coursera

## PROFESSIONAL SUMMARY

Artificial Intelligence & ML Enthusiast with hands-on experience in full stack development, cloud-based deployments, and machine learning applications. Skilled in building scalable web solutions and implementing AI-driven models to solve real-world problems with efficiency and innovation.

## INTERNSHIPS

### Full Stack Developer Intern | TCS, Mumbai

May 2024 – July 2024

- Developed a sentiment analysis model and **deployed** it using FastAPI on AWS.
- **Collaborated** with a team of 3 to preprocess customer feedback data using Python and NLP techniques.
- Reduced manual review time by **50%** by integrating the model into an internal dashboard for real-time insights.

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## KEY PROJECTS

### E-Commerce Web Application

**Tech Stack:** React.js, Node.js, Express.js, MongoDB, Stripe API, AWS S3

May 2024 – July 2024

- Built a responsive e-commerce platform with user authentication & role-based access.
- Integrated Stripe & Razorpay for secure payments and order tracking.
- **Optimized** database queries, cutting API response time by **40%**.

### AI-Powered Chatbot for Customer Support

**Tech Stack:** Python, TensorFlow, Dialogflow, Node.js, React.js

May 2024 – July 2024

- Built an AI-driven chatbot for real-time customer query handling, reducing response time by **60%**.
- Implemented NLP (Natural Language Processing) for better user interactions.
- Deployed on AWS Lambda for scalability and cost efficiency.

## INTERESTS

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- Competitive Coding
- Tech Blogging/Reading
- Team Sports

## LANGUAGES

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- English
- Hindi
- XYZ

## RESEARCH & PUBLICATIONS

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- Co-authored research on lightweight ML models for edge computing. *International Journal of Emerging Trends in Engineering Research (IJETER)*, Vol. 12, Issue 3, March 2025

## ACHIEVEMENTS

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- Class Representative – B.Tech CSE (AI & ML), 2023–2024
- Core Member – Developer Student Club (DSC), Woxsen University
- First Runner Up, 24 hr coding hackathon, Innoverse 2024
- Solved **40+** problems on LeetCode
- Recipient of the prestigious Kishore Vaigyanik Protsahan Yojana (KVPY) Fellowship
- Awarded National Talent Search Examination NTSE scholarship by NCERT, Govt. of India