Birendra Singh

Computer Science Engineer | AI & ML Enthusiast

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▬▬▬ Professional Summary

Aspiring Computer Science Engineer with a robust foundation in Artificial Intelligence, Machine Learning, and Full Stack Web Development. Passionate about building innovative, data-driven solutions to solve real-world problems. Proven track record of developing responsive web applications and predictive models, with a continuous drive to master emerging technologies like Prompt Engineering and Cloud Infrastructure.

▬▬▬ Education

2023–2026 **Bachelor of Technology (B.Tech)**, *Raja Balwant Singh Engineering Technical Campus*, Agra
Pursuing Computer Science Engineering. Focused on AI/ML algorithms and software development.

2021–2023 **Bachelor of Science (B.Sc)**, *Sri Harcharan Lal Verma Mahavidhyalaya*, Achhnera, Agra

2016–2018 **Intermediate Education**, *NC Educational Academy*, Agra

▬▬▬ Technical Skills

Languages	Python, C, C++, JavaScript, SQL
Web Dev	HTML5, CSS3, Django, React, Three.js, GSAP
AI & ML	Machine Learning, Data Visualization, Prompt Engineering, Predictive Modeling
Tools & OS	VS Code, PyCharm, Git, Windows, Linux, Streamlit, Vercel
Cloud	Oracle Cloud Infrastructure (Basics)

▬▬▬ Experience

Jun 2025–Jul 2025 **AI & ML Intern**, *NIELIT*, Online
- Successfully completed an intensive internship focused on Artificial Intelligence and Machine Learning using Python.
- Gained hands-on experience in data preprocessing, model training, and algorithmic problem-solving.

May 2025 **Intern**, *AI Academia*, Hybrid
- Participated in a comprehensive Artificial Intelligence Workshop.
- Collaborated on minor projects involving basic neural network concepts and AI ethics.

▬▬▬ Projects

2025 **Universal Analyst Model (UAM) v2**, *Full Stack AI Platform*
A comprehensive data analytics and machine learning platform providing automated data analysis, visualization, and predictive modeling capabilities.

- ○ **Key Features:** Automated EDA, interactive charts, and model generation.
- ○ **Live (v2):** `https://uam-project-v1-0.vercel.app/`
- ○ **Prototype (v1):** `https://analystmodel.streamlit.app/`

2025 **ChatBot FusionHub**, *AI Integration Platform*
A web-based AI chatbot integration platform designed for seamless user interaction.

- ○ **Tech Stack:** Django (Backend), Three.js & GSAP (Frontend) for immersive UI.
- ○ Integrated custom AI models to provide real-time conversational responses.

2024 **Personal Portfolio**, *Web Development*
Developed a fully responsive and interactive personal portfolio to showcase projects and skills.

- ○ **Tech Stack:** HTML, CSS, JavaScript. Deployed on Vercel.
- ○ **Live Link:** `https://my-portfolio-lovat-phi-91.vercel.app/`

Certifications

- ○ Oracle Cloud Infrastructure 2025 AI Foundations Associate – *Oracle*
- ○ ChatGPT Prompt Engineering – *DeepLearning.AI*
- ○ Python Zero to Hero Course – *Guvi*
- ○ Artificial Intelligence Workshop – *AI Academia*