

KRISHNA SUTHAR

B-Tech in Artificial Intelligence & Data Science

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PROFILE

AI & Data Science enthusiast with hands-on practical experience in machine learning, deep learning, and full-stack development. Focused on building real-world applications through meaningful projects and teamwork.

EDUCATION

B-Tech in Artificial Intelligence & Data Science

CGPA: 8.46 / 10

VIPS – TC | GGSIPU, New Delhi

Nov. 2022 – June 2026 (Expected)

Senior Secondary (Class XII) – RBSE

Percent: 91.6%

Govt. M.M. School, Bikaner, Raj.

2021

EXPERIENCE

Data Science Intern (CSI'25)

Remote | June 2025 – Aug 2025

Celebal Technologies

- Developed and deployed Machine Learning models (regression, clustering) on real-world datasets, focusing on data preprocessing and feature engineering using **Python**. Strengthened skills in **SQL** and **object-oriented programming (OOP)**.
- Gained hands-on experience in **Generative AI**, working with **LLMs**, **prompt engineering**, **LangChain**, and **Retrieval-Augmented Generation (RAG)** to build intelligent applications.

React-JS Developer Intern

Onsite | June 2024 - July 2024

AdsEra IT Services Pt. Ltd.

Bikaner, Raj.

- Collaborated with senior developers to design and build reusable UI components using **React.js**.
- Implemented routing, state management (Redux), and responsive design using Tailwind CSS.
- Optimized frontend performance, reducing load time by **30%** across key pages.

PROJECTS

Brain Tumour Detection using YOLO & CNN — [\[GitHub\]](#)

- Conducted performance comparison on YOLOv3, YOLOv5, YOLOv8, YOLOv9, YOLOv10, YOLOv11 and CNN
- Attained best results with **YOLOv8** (Precision: **0.95**, Recall: **0.94**, mAP@0.5: **0.97**) and **CNN** (Training accuracy: **99.54%**, Validation accuracy: **97%**)
- Employed PyTorch and OpenCV in conjunction with Ultralytics YOLO for end-to-end model training, dataset augmentation, and hyperparameter tuning.

GIFTHUB E-Commerce Web App — [\[Live Demo\]](#)

- Built a full-stack MERN (**MongoDB**, **Express.js**, **React.js**, **Node.js**) app with JWT authentication, Redux state, Razorpay payment gateway, and role-based access for admin and users.
- Features: Admin dashboard for order processing, product & user management, product search & filter.

Cyberbullying Analysis using ML & NLP — [\[GitHub\]](#)

- Implemented **Machine Learning** model (Logistic Regression, SVM, Naïve Bayes, KNN, Random Forest, Decision Tree) with Dataset: Twitter and YouTube comments data
- Achieved best performance on Twitter Racism data with Random Forest **90%**, Logistic Reg. **91%**, SVM **91.35%**
- Applied TF-IDF, Count Vectorizer, and One-Hot Encoding for feature engineering.

PUBLICATION

Analysing Cyberbullying Behaviour in social media using Supervised ML & NLP — [\[Google Scholar\]](#)

Published in Elsevier SSRN, presented at ICDAM 2024 Conference.

SKILLS

- Programming Languages:** Java, JavaScript, Python, SQL
- Web Development:** HTML, CSS, JavaScript, React.js, Node.js, Express.js, MongoDB
- AI/ML:** Artificial Intelligence, Data Science, Machine Learning, Deep Learning, NLP
- Frameworks & Tools:** Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, OpenCV, TensorFlow, PyTorch
- Version Control:** Git, GitHub
- Certification:** C-DAC Bootcamp on Big Data & Data Science