

KRISHNA SHARMA

AI/ML Engineer | Software Developer

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SUMMARY

Aspiring AI/ML Engineer pursuing B.Tech in Computer Science with strong foundation in Python, Machine Learning, Deep Learning, and Neural Networks. Hands-on experience building and deploying CNNs, NLP models, and end-to-end ML pipelines using TensorFlow, PyTorch, and Scikit-learn. Experienced in model training, evaluation, optimization, and MLOps basics. Built responsive web applications using React.js through internship.

EDUCATION

J.S. University, Shikohabad – B.Tech in Computer Science	Expected 2027 YGPA: 7.42/10
CBSE – Class 12th	2021, 80.2%
CBSE – Class 10th	2019, 93%

EXPERIENCE

WritED Edutech Private Limited – Software Development Intern / *Remote* Feb 2026 – Present

- Developed WritED (writed.in) platform from scratch using React.js and JavaScript, integrating AI-assisted content features and performance analytics.
- Built responsive, reusable React components optimized for desktop and mobile, reducing render time by 30% and improving scalability.
- Implemented client-side logic for dynamic content handling and REST API integration; collaborated using Git/GitHub in agile development.

Technologies: React.js, JavaScript, HTML5, CSS3, Tailwind CSS, Git, GitHub

PROJECTS

Handwritten Digit Classifier | Python, TensorFlow/Keras, CNN, MNIST [[Kaggle](#)] [[GitHub](#)]

- Built CNN for handwritten digit recognition on MNIST (70k images); implemented preprocessing, augmentation, normalization pipelines.
- Achieved 98.5%+ test accuracy with dropout & early stopping; diagnosed overfitting using accuracy/loss curves and confusion matrix.
- Optimized architecture for faster inference, demonstrating strong fundamentals in model evaluation and tuning.

Sentiment Analysis System | Python, Scikit-learn, NLTK, TF-IDF, NLP [[Kaggle](#)] [[GitHub](#)]

- Built end-to-end pipeline for 3-class sentiment classification on 5K+ samples with tokenization, stopword removal, TF-IDF.
- Trained and benchmarked Logistic Regression, Naive Bayes, Random Forest using cross-validation and grid search; 85% accuracy.
- Evaluated with precision, recall, F1-score, ROC-AUC and built EDA for word frequency and n-grams.

TECHNICAL SKILLS

Programming: Python, C, C++, SQL, JavaScript

ML: Supervised & Unsupervised Learning, Regression, Classification, Clustering, Feature Engineering, Cross-Validation, Hyperparameter Tuning, Scikit-learn

Deep Learning: CNN, ANN, TensorFlow, Keras, PyTorch, Model Training & Evaluation, Early Stopping, Dropout

NLP: NLTK, TF-IDF, Tokenization, Sentiment Analysis, Text Preprocessing

Tools: NumPy, Pandas, Matplotlib, Jupyter, Kaggle, Git, GitHub, Linux

Web: React.js, HTML5, CSS3, Tailwind CSS **Databases:** SQL, MySQL

STRENGTHS

Model Building • Problem Solving • Analytical Thinking • Quick Learner • Team Collaboration • Adaptability • Kaggle Competitor