

# SHASHANK S M

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## PROFESSIONAL SUMMARY

Enthusiastic AI/ML and Software Development student with practical experience in training CNN, RNN, and LSTM models and deploying full-stack applications using Python, Django, and modern tools. Skilled in solving technical challenges with clean and scalable solutions. Actively seeking opportunities to grow as an AI Engineer, Machine Learning Intern, or Full-Stack Developer.

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## TECHNICAL SKILLS

- **Programming:** Python, Java, C, SQL, JavaScript
- **Frameworks & Libraries:** TensorFlow, Keras, PyTorch, Scikit-Learn, NumPy, Pandas, Matplotlib.
- **Core Concepts:** Machine Learning, Deep Learning, CNN, RNN, LSTM, NLP, Cryptography, Bitcoin.
- **Developer Tools:** Git, GitHub, VS Code, Jupyter Notebook / Google Colab, Command Line / Terminal.
- **Web Technologies:** HTML, CSS, Streamlit, Flask, PHP(localhost).
- **Databases:** MySQL, MongoDB

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## TECHNICAL PROJECTS

### Wildlife Species Identification using CNN | Computer Vision

**Tech:** PyTorch, Torchvision, CNN, Pandas, NumPy, Matplotlib

- Developed and trained a CNN model for wildlife species classification aiding conservation efforts and biodiversity research.
- Achieved 87% test accuracy on the dataset.

### AI-Based Story Generation | GenAI Theme

**Tech:** Python, RNN, NLP, Tokenization, Text Classification, Streamlit.

- Implemented RNN-based text generator for real-time coherent storytelling.
- Integrated interactive UI using Streamlit.

### AI-Powered Meme Generation | GenAI Theme

**Tech:** NLP, LSTM, Tokenization, Python

- Trained LSTM model on Meme900k dataset for caption generation.
- Achieved 82% test accuracy.

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## HACKATHONS & EXTRACURRICULARS

- Participated in AI-Driven Game Environment Generator Hackathon (Virtual World Builder).
- Volunteered at institutional fests and NGO-based community activities.
- Completed AICTE Student Induction Program (SIP).

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## CERTIFICATIONS

- Advanced Machine Learning & AI – Samsung Innovation Campus
- Natural Language Processing using Azure AI – Microsoft
- Programming in Java (OOPs Concepts) – IIT Kharagpur

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## EDUCATION

Computer Science and Engineering | Cambridge  
Institute Of Technology.

CGPA: 8.61 | (2022-2026)

XII Standard – Excellent PU Science College, Vijayapura.

95.66% (2022)