

# Tanisha Das

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📍 Bengaluru, Karnataka

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## Skills and Activities:

- **Programming Languages:** Proficient in Java, Python and C.
  - **Machine Learning and AI:** Experience with Supervised Machine Learning, Unsupervised Machine Learning, Deep Learning, Natural Language Processing and Computer Vision.
  - **Data Science:** Skilled in Data Analytics and Data Visualization using advanced algorithms.
  - **Software Engineering:** Strong foundation in Data Structures, Algorithms, and Object-Oriented Programming.
  - **Database Management:** Proficient in SQL for efficient data manipulation. Experience with NoSQL Technologies like MongoDB, Neo4J.
  - **Libraries/ Frameworks:** Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn, Keras, Tensorflow, Nltk, Cv2 for various projects.
  - **ERP Systems:** Understanding of ERP software such as OpenERP.
  - **Tools and Platforms:** Knowledgeable with Git/ Github for version control and collaboration. Skilled in Linux-based Operating Systems used for development and deployment of projects.
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## Education:

- **M.Sc. in Artificial Intelligence and Machine Learning (Pursuing),** Christ University, Expected May 2025. GPA: 3.71.  
*Accomplishments:* Member of the Student Council, Christ University, contributing to collaborative decision-making and fostering a positive student environment. Worked as a core member for the Inter-Collegiate Technical Fest, *Revelations*.
- **B.Sc. Triple Majors in Physics, Mathematics, and Computer Science,** St. Joseph's University, Bengaluru, May 2023. CGPA: 8.48.  
*Accomplishments:* As a General Secretary of Cybernetics Association, managed the overall operations of the association and coordinated various technical events such as a National-Level Technical Fest, *Syntaxia*, as well as a Technical Talk Series, *TechX*. As a Treasurer and Head of Social Media of Physics Students' Association, oversaw the

financial activities of the association, including budgeting and expense management during the National-Level Physics Fest, *Spectra*. Developed and executed social media strategies to enhance engagement and reach.

- **PCM with Computer Science, Senior Secondary**, St. Thomas' Church School, Haora, June 2020. Percentage: 93%.
  - **PCMB, Secondary (High School)**, St. Thomas' Church School, Haora, April 2018. Percentage: 92.4%.
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### **Projects:**

- **Exoplanet Classification using Supervised Machine Learning Algorithms**  
*Technologies: Machine Learning, Python, scikit-learn, NumPy, Matplotlib.*
  - **Stellar Classification using Advanced Machine Learning Algorithms**  
*Technologies: Machine Learning, Python, scikit-learn, NumPy, Matplotlib.*
  - **Skin Cancer Classification using Pre-Trained VGG16 Model**  
*Technologies: Deep Learning, Python, Tensorflow, NumPy, Matplotlib, Keras, Transfer Learning.*
  - **Pneumonia and Normal Chest X-Ray Classification using RESNET and Custom CNN**  
*Technologies: Deep Learning, Python, Open CV, NumPy, Matplotlib, Tensorflow, Keras, Transfer Learning.*
  - **Weather Prediction using LSTM Model**  
*Technologies: Deep Learning, Python, NumPy, Matplotlib, Tensorflow, Keras.*
  - **Sentiment Analysis of Tweets using RNN and LSTM**  
*Technologies: Nltk, Python, NumPy, Matplotlib, Tensorflow, Keras.*
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### **Certifications:**

- TCS Ion Career Edge- Young Professional -*Tata Consultancy Services*
- Introduction to Ethics in AI - *Infosys Springboard*
- Overview of Cognitive Models - *Infosys Springboard*
- Complete Python Developer in 2022- Zero to Mastery - *Udemy*
- Complete Machine Learning and Data Science Bootcamp - *Udemy*
- The Web Developer Bootcamp 2022 - *Udemy*
- Introduction to Generative AI - *Google Cloud*
- Introduction to Large Language Models - *Google Cloud*