

# Priya Sah

priyasah3005@gmail.com | +91 84484 18499 | LinkedIn | Github

## Education

- St. Joseph's School, Shaktinagar, Sonbhadra, Uttar Pradesh, Class 10** 2020
- Percentage: 90%
- St. Joseph's School, Kahalgaon, Bhagalpur, Bihar, Class 12** 2022
- Percentage: 88.6%
- VIT Bhopal University, Bhopal, Bachelors in Technology in Computer Science and Engineering** 2022 – 2026  
(Specialization in Artificial Intelligence and Machine Learning)
- CGPA: 8.68 / 10

## Technical skills

**Languages:** C++ , Python, Java, HTML, CSS

**Relevant coursework:** Machine Learning, SQL, Tableau, Microsoft Excel, Data Structures and Algorithms, Computer Networks, Data Science, DBMS, OOPs, Operating Systems, Computer Vision, Data Visualization

**Frameworks:** TensorFlow, Scikit-learn, OpenCV, Pandas, NumPy, Matplotlib, React, Bootstrap

**Soft Skills:** Strong problem-solving abilities, Effective communication, Collaboration in cross-functional teams, Adaptability, Analytical thinking, and Leadership skills

## Projects

- QuickInvoice** | React JS, Tailwind CSS | LINK June 2025
- Developed a dynamic web application for generating and managing professional invoices using React JS and Tailwind CSS for responsive design.
  - Integrated client input forms, itemized billing, and PDF export functionality with React state management for a seamless user experience.
  - Deployed on Netlify, ensuring cross-browser compatibility and optimized performance for efficient invoice creation.
- Breast Cancer Classification** | Python, TensorFlow, Keras, OpenCV | LINK February 2025
- Developed a deep learning model using CNN with TensorFlow and Keras to classify anterior breast images into benign and malignant tumors.
  - Trained on an 80:20 dataset split, optimizing model performance through iterative tuning.
  - Achieved 80% accuracy in classifying tumors, leveraging convolutional layers for feature extraction.

## Work experience

- InGrade** May 2025 – Ongoing  
Data Science Intern Remote
- Conducted research on climate modeling, fintech credit scoring, and disaster management systems, analyzing machine learning implementations at Google and Palantir through comprehensive business case studies.
  - Developed time-series forecasting models using ARIMA, LSTM, and Prophet algorithms; created interactive dashboards in Excel/Tableau; performed EDA on healthcare datasets.
  - Implemented NLP sentiment analysis using BERT and TF-IDF; built Graph Neural Networks for social network analysis; authored technical tool comparison guides.

## Achievements & Certifications

- Achievements:** Semi-finalist at *TELEPORT 2.0* – Tata Elxsi (2024); Semi-finalist at *Arthneeti 4.0* – IIM Nagpur. (2024) Finalist at *Startup-Showdown* – IIIT Naya Raipur (2025); Finalist at *KRIYETA 4.0* – Acropolis Institute of Technology and Research, Indore (2025).
- Certifications:** *Privacy and Security in Online Social Media* – NPTEL; *Introduction to Front-End Development* – Meta; *Computer Vision* – Vityarthi. *Generative AI with Large Language Models* – AWS, DeepLearning.AI; *GEN AI Using IBM Watsonx* – IBM; *Full Stack Developer (MERN)* – MongoDB.

## Extra Curricular Activities

- President** Health-O-Tech club at VIT Bhopal University, (2024)
- Model United Nations Delegate** United Nations Development Program, (2023)
- Junior Diploma in Fine Arts** - Srishti School of Fine arts, West Bengal, (2018)