

Princy

✉ princy00111@gmail.com

☎ +91 8210172805

🌐 [linkedin.com/in/princy-348732263](https://www.linkedin.com/in/princy-348732263)

🐙 github.com/princy01

Profile

Dedicated student pursuing a Bachelor of Technology (B.Tech) degree. Aspiring data scientist with a strong foundation in AI, ML, DL, NLP, Python, SQL. Possess knowledge in TensorFlow, Keras, NumPy, Pandas, and various ML and deep learning algorithms. Eager to gain practical experience and apply my theoretical knowledge, I am seeking an internship opportunity to further develop my skills in a progressive organization.

Professional Experience

2024/06 – present

Celebal Technologies

Predicting Creditworthiness Using Random Forest

- Developed a predictive model to assess individual creditworthiness using a random forest ensemble method. The project involved data collection, preprocessing, feature engineering, and model development using Python, Pandas, NumPy, and Scikit-learn.
- Evaluated model performance with metrics like accuracy and ROC-AUC, and analyzed feature importance to provide actionable insights. Demonstrated strong analytical skills and proficiency in machine learning techniques.

2023/08 – 2023/09

CodeClause

Image Classification

- Explored ResNet-50 architecture for image classification on CIFAR-10 dataset, comprising 60,000 32x32 color images across 10 classes. Integrated pretrained ResNet-50 with custom linear layer adaptation for CIFAR-10 predictions.
- Optimized model via fine-tuning and evaluated performance using validation set, demonstrating proficiency in deep learning and model adaptation for specific dataset requirements.
- https://github.com/princy01/Image_Classification
- Certificate link: [🔗](#)

Skills

Programming Language: Python, C++, C

Python Libraries: Pandas, Numpy, scikit-learn, Matplotlib, Seaborn, Flask, Tensorflow, Keras, NLTK, Selenium

Databases: MySQL, Oracle

AI and Data Science: Machine Learning, Deep Learning, Natural Language Processing, Computer Vision, Exploratory Data Analysis, ANN, CNN, RNN

Machine Learning: Supervised, Unsupervised, Regression, Classification, Clustering

Data Structures: String, Array, Linked List, Stacks, Queue, Trees, Graphs, Hash Tables

Scripting: HTML, CSS

Education

2021 – 2025

Bhubaneswar, India

Bachelor of Technology in Computer Science Engineering

Kalinga Institute of Industrial Technology

8.29 CGPA (till 6th sem)

2020 – 2021	Senior Secondary
Muzaffarpur, India	<i>Indraprastha International School</i>
	87.4%
2018 – 2019	Matriculation
Muzaffarpur, India	<i>Sunshine Prep./ High School</i>
	94%

Projects

Digit Recognition

- Developed a CNN for digit recognition using the MNIST dataset, achieving high accuracy in classifying 28x28 grayscale images of handwritten digits.
- Implemented and optimized model architecture with convolutional, pooling, and fully connected layers using the Adam optimizer and categorical cross-entropy loss function.
- Link: [↗](#)

Image Classification

- Implemented ResNet-50 for image classification on the CIFAR-10 dataset, fine-tuning the model to achieve high accuracy across 10 classes of 32x32 color images.
- Optimized a custom linear layer for CIFAR-10 classification using pretrained ResNet-50 weights, employing techniques such as backpropagation, gradient descent, Adam optimizer, and cross-entropy loss function.
- Link: [↗](#)

Certificates

AWS

completion certificate [↗](#)

HackerRank Problem Solving(Basic)

completion certificate [↗](#)

HackerRank Problem Solving(Intermediate)

completion certificate [↗](#)

Graphs Programming Camp(AlgoUniversity)

completion certificate [↗](#)

Organizations

2022/08 – present

National Service Scheme

Volunteer

Languages

- English
- Hindi