

Deepraj Bera

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EDUCATION

KALINGA INSTITUTE OF INDUSTRIAL TECHNOLOGY

Patia, Bhubaneswar, Odisha

B.TECH IN COMPUTER SCIENCE

August 2021 - July 2025

CGPA: 8.7/10.0

KENDRIYA VIDYALAYA (AFS)

Barrackpore, WB

AISSCE

April 2019 - April 2021

Percentage: 93.0

LINKS

Github: [deepraj21](#)

LinkedIn: [Deepraj Bera](#)

Website: [Portfolio](#)

CERTIFICATES

Scientific Computing with Python

Supervised Machine Learning

Data Processing Specialist

Streamlit Bootcamp

Responsive Web Design

Technical Support Fundamentals

Networking Fundamentals GCP

Project Development Using JAVA

SKILLS

PROGRAMMING

Languages:

C • C++ • Python • Java

Javascript • HTML/CSS • SQL

Golang • R

Library:

Bootstrap • ReactJS • Tailwind

Pandas • TensorFlow • Keras

scikit-learn • Flask

Developer Tools:

Git • Linux • Docker • VS Code

Google Cloud

LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency

Bengali

Native or Bilingual Proficiency

PROJECTS

PREDICT BAY | GITHUB

April 2023 - July 2023

- Developed a real-time stock market predictor using machine learning to collect and preprocess real-time and historical market data. Applied feature engineering techniques to extract the performance of the stock market.
- Trained various Deep Learning models, including stacked LSTM, BiLSTM, and GRU, on the preprocessed data to accurately predict future stock prices and implemented a Flask frontend with language-trained chatbot and various indicators and trade models that allow users to invest in a user-picked stock over a specific period of time
- Implemented advanced cross-validation techniques to evaluate model performance, utilizing metrics such as RMSE(0.992) and MAE(0.900); project recognized as a finalist in the prestigious 'Solving for India' competition.

NEUROSCAN | GITHUB

March 2023 - April 2023

- Built a ML Model that can accurately detect brain tumors in medical imaging data, such as MRI scans. By leveraging advanced image processing techniques and machine learning algorithms, the model aims to assist healthcare professionals in the early and accurate diagnosis of brain tumors.
- Utilized Image Classification and Convolutional Neural Networks (CNN) to train a model using a dataset comprising 3762 brain images, achieving an impressive accuracy score of 0.9098 and a minimal loss of 0.2466.

DUCKDESK | GITHUB

May 2021 - June 2021

- Designed and developed a blogging website on the WordPress platform featuring 12 primary categories.
- Provided a platform for over 20 school students to express their ideas and perspectives by writing articles.

EXPERIENCE

HACKATHONS

- Solving for India
- Geek-A-Thon
- Participated in numerous Hackathons of Devpost and worked with various teams and developers on various Projects.

WEB DEVELOPMENT INTERN | CODECLAUSE

May 2023 - June 2023

- Developed three projects with Python for the backend and utilized the Streamlit module for the frontend.

ACHIEVEMENTS

Secured victory in both the Institutional and Regional (East Region) categories of the 'Solving for India' competition, subsequently presenting our project at the GoogleIO 2023 Event in Bangalore.