

# ARUNAVA MONDAL

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in [Arunava Mondal](#)

🌐 [Arunava Mondal\(arunava-12\)](#)

## Hem Sheela Model School

CBSE (X – 96% || XII – 90%)

## SRM Institute of Science and Technology

B. Tech in Computer Science and Engineering

Burdwan, West Bengal

Mar. 2007 – July 2022

Chennai, India

Sept. 2023 – Present

## EXPERIENCE

- **Alexa Developers SRM – Member** Sep 2023 – Present
- **CINTEL's Next-Gen AI – Member** Sep 2023 – Present
- **Younity.in – Internship** Sep 2023 – Sep 2023  
Skills: Presentation Skills · Soft Skills · Communication
- **Bharat Intern– Internship** Sep 2023 – Oct 2023  
Skills: Jupyter · Python (Programming Language)
- **CodeAlpha – Internship** Jan 2024 - Jan 2024  
Skills: Machine Learning · Keras · Graph Algorithms
- **CodeClause – Internship** Jan 2024 - Feb 2024  
Skills: Machine Learning · Python (Programming Language) · Deep Learning
- **CodSoft – Internship** Sep 2023 – Oct 2023  
Skills: Machine Learning · C++ · Problem Solving

## PROJECTS

- **Brain Tumor Detection** / Matplotlib · Keras · Python (Programming Language) · Image Processing · Machine Learning · Deep Learning  
Sept. 2023 – Oct. 2023

Developed automated brain tumor identification system using Convolutional Neural Networks (CNNs).

- Achieved high accuracy in cancer detection from medical imaging data.
- Implemented modular structure for seamless customization with diverse datasets.
- Created visualizations for tracking model performance (accuracy & loss).
- Increased accessibility for healthcare professionals and researchers.

- **Natural Language Processing (NLP) for Sentiment Analysis** / | NLTK · Matplotlib · Python (Programming Language) · Natural Language Processing (NLP) · NumPy | Associated with CINTEL's Next-Gen AI  
Sep 2023 - Sep 2023

- Implemented text preprocessing, feature extraction, and machine learning model development.
- Integrated lexical resources for robust sentiment analysis.
- Developed scalable solution for actionable business insights across industries.
- Utilized NLP to unlock sentiment from text data, enabling businesses to understand customer voice.

## SKILLS

- **Languages:** Python, C/C++, JavaScript, HTML/CSS
- **Frameworks:** React, NextJS, Node.js, MongoDB, NLTK, Keras
- **Tools:** Git, Jupyter Notebook, VS Code, replit
- **Libraries:** Pandas, NumPy, Matplotlib, OpenCV
- **Soft Skills:** Leadership, Event Management, Writing, Public Speaking, Time Management

## COURSES & CERTIFICATIONS

- **Juniper Networks Certified Expert (JNCIE): Cloud Computing**
- **HackerRank:**
  - Python (Basic): Object-Oriented Programming (OOP) · Python (Programming Language)
  - Problem Solving: Problem Solving · Python (Programming Language) · DSA (Basic)
  - HTML5 & CSS: Cascading Style Sheets (CSS) · HTML5
- **freeCodeCamp: Machine Learning with Python: Machine Learning · Python (Programming Language)**
- **Coursera:**

- Crash Course on Python: Object-Oriented Programming (OOP) · Python (Programming Language)
- C for Everyone: Structured Programming
- C for Everyone: Programming Fundamentals
- C++ For C Programmers, Part A
- C++ For C Programmers, Part B
- Coding for Everyone: C and C++