

# ARGHADIP BISWAS

Kolkata, West Bengal, India

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## Education

**Guru Nanak Institute of Technology, Kolkata**

*October 2020 - June 2024*

Bachelor of Technology in Computer Science And Engineering | **9.22 - 84.7%**

*Kolkata, India*

**Bhatpara Amarkrishna Pathsala (H.S.)**

*May - 2020*

Higher Secondary Education (XII) | Percentage - **80%**

*Bhatpara, India*

## Work Experience

**Position Of Responsibility:** JAVA Programmer (Intern)- CodSoft

*March 2024*

- Solved three Problem Statements using JAVA Programming like Guess Number, Calculator and Bank Account.

## Projects

**1. TeachAsure | Github | Machine Learning, Deep Learning , CNN**

*September 2023 - Present*

- Engineered and deployed a **Deep Learning Model** to autonomously evaluate **teachers' confidence levels**; resulting in a **25% improvement in learning outcomes**.
- Obtained a remarkable **92% accuracy**, in assessing the confidence level of teachers, quantified through metrics, employing **Python, TensorFlow**, and a **CNN model**.

**2. Gropie App (Ongoing) | Video Link | Dart, Flutter, Firebase**

*February 2023 - June 2023*

- Enables all users of this **messaging software** to speak with one another and members of their groups
- Boosted user engagement by **20%** through the design and implementation of **Flutter-based message-passing applications**.

**3. Digital Finance Management App | Video Link | Dart, Flutter**

*September 2022 - January 2023*

- Delivering results within the **first three months**, we achieved an average **15% savings gain** for approximately **1,000 customers**.
- Spearheaded the development of a cutting-edge digital **finance management app**, resulting in an approx **30% reduction** in user overspending and a 25% increase in savings rates through intuitive budgeting features and **real-time expense tracking**.

## Academic and Extracurricular Awards & Achievements

- Achieved victory at the **Smart India Hackathon 2022** (Senior Software Edition), emerging triumphant among 500 participating teams.
- Led the optimization of existing codebase during **Hacktoberfest 2022**, yielding a 50% reduction in bug reports and a 30% enhancement in overall system performance.
- Earned an 85% excellence rating and tangible outcomes, resulting in securing **JIS SANMAN 2023**.
- Ranking **47th** from the Institute in GeeksforGeeks | **200+ Solved Problems**

## Research Paper

- Published a paper in the **Journal of Technology**, introducing "**A Deep Learning Framework for Speaker's Confidence Level Analysis**" (**PAPER ID: JOT-4580**), which demonstrated a 30% improvement in Educational objectives.

## Technical Skills And Ability

- Programming Language: Core JAVA | C++
- Databases: SQL | Data Base Management System
- Tool: VS Code | Git | GitHub | Android Studio