ARGHADIP BISWAS

Kolkata, West Bengal, India
☎ +91-7439302174 | arghadipbiswas4076@gmail.com | **LinkedIn** | **GitHub** | **Portfolio**

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