

Skills

Languages & Tools

- **C** : Proficient in C programming with experience in low-level system development.
- **Java** : Skilled in Java for backend development and Android app development.
- **Python** : Familiar with Python for data analysis, scripting, and web development.
- **HTML/CSS/JavaScript** : Proficient in front-end web technologies (HTML, CSS, and JavaScript).
- **Git** : Experienced in version control using Git for collaborative development.
- **AWS** : Knowledge of Amazon Web Services (AWS) for cloud infrastructure.
- **MySQL** : Proficient in database design, SQL queries, and management using MySQL.
- **Bootstrap** : Familiar with Bootstrap framework for responsive web design.
- **Canva** : Skilled in creating visually appealing designs using Canva.
- **Problem Solving** : Strong analytical and problem-solving skills.
- **SDLC** : Proficient in Software Development Life Cycle methodologies.
- **STLC** : Familiar with Software Testing Life Cycle stages, including test planning, test design, test execution, and defect tracking.

Experience and Internships

Jun 2023 -
Aug 2023

Web Development Intern, CipherByte Technologies

Built a todo list webapp that enables a user to add daily tasks and allows users to add new items to a list. A user can mark a task as "complete" upon its successful completion.

Built a calculator webapp that helps with basic mathematical functionalities using CSS, HTML, and JavaScript.

Virtual Internship - Forage - Accenture(UK)

August 2023

- Explored various aspects of technology and consulting, including:
 - Discovering career opportunities in technology.
 - Understanding the Software Development Lifecycle (SDLC).
 - Exploring software development methodologies (Waterfall and Agile).
 - Navigating the Software Testing Lifecycle (STLC).
- Developing algorithmic thinking skills.
- Mastering code debugging techniques.
- Assessing knowledge through checkpoints.
- Earned the Certificate of Completion, enhancing my understanding of technology and equipping me with valuable skills.

Education

2021-2025 **B.Tech in Information Technology** (SGPA5: 8.16)

Narula Institute of Technology, kolkata, India

2021 **XII - WBCHSE**, Hindmotor High School, West Bengal

2019 **X - WBBSE**, Hindmotor High School, West Bengal

Projects

Number game using Java

I created a number guessing game using Java, ensuring an interactive and engaging experience for players. And implemented user input validation, feedback mechanisms, and error handling, demonstrating proficiency in Java programming concepts.

Portfolio website

Created a professional portfolio website using HTML, CSS, and JavaScript, ensuring user-friendly interface and responsive design. Integrated sections for about me, resume/CV, project showcase, contact information, and social media links.

Income tax AI chatbot using Large Language model (LLM) & Natural Language Processing (NLP)

An AI chatbot for income tax has been developed using a Large Language Model (LLM) and natural language processing (NLP) techniques. The chatbot is trained on a comprehensive dataset, providing personalized guidance and ensuring reliability, accuracy, and security in handling sensitive financial information.

Scholastic Achievements

Secured top 35 in Hack-O-Nit hackathon
Certified in CSS by HackerRank

Languages

ENGLISH (Fluent)
HINDI (Native)
BENGALI (Fluent)
SPANISH (Beginner)

Extra Curricular Activities

Skills Proficient in playing the guitar, having dedicated two years to honing my skills.
Sports Part of Basketball team (2015-2019).