

EDUCATION

TECHNO INTERNATIONAL NEW TOWN

B.TECH IN COMPUTER SCIENCE AND ENGINEERING

Nov 2020 - 2024 | Kolkata, WB

CGPA: 9.00

RAMAKRISHNA MISSION VIDYABHAWAN

HIGHER SECONDARY

2018-2020 | Medinipur, WB

GRADE: 91.2%

SKILLS

PROGRAMMING

C++ • C • Java • Javascript • Shell

WEB DEVELOPMENT

Front-end :

React Js • HTML • CSS • JavaScript
• jQuery • Bootstrap

Back-end :

Node JS • Express Js

DATA BASE

MySQL • SQL Server • MongoDB

OTHERS

Linux • Git

SOFT SKILLS

Communication • Adaptability • Time management • Collaboration

COURSEWORK

UNDERGRADUATE

- Data Structure and Algorithms
- Design and Analysis of Algorithm
- Software Engineering and Designing
- Operating Systems
- Computer Networks
- Object Oriented Programming in Java
- DataBase management System

ACHIEVEMENTS

- Leetcode | Profile Link: Solved 180+ Problem
- Geeks for Geeks | Profile Link: Ranked 20th in college with 600 points
- Hackerrank | Profile Link: 5 star in Problem Solving | C | CPP and Hackerrank Skill Certificates

EXPERIENCE

CELEBAL TECHNOLOGIES | DATA ENGINEER INTERN

05/2023 – present | Remote

- Experience with SQL Server: Utilized SQL Server extensively throughout the internship, gaining proficiency in managing and manipulating large databases, also Executed complex SQL queries and optimized them for enhanced performance, resulting in a 20% reduction in query execution time.
- Worked as part of a cross-functional team and Collaborated closely with back-end developers to ensure seamless integration of multiple data sources and reducing data redundancy by 40%.
- Developed efficient SQL queries and stored procedures for data extraction, transformation with an average query response time of under 2 seconds.

GIRLSSCRIPT SUMMER OF CODE | CONTRIBUTOR

05/2023 – present | Remote

- Participated actively in the Girls Script Summer of Code, a 3-month-long open-source program, working on projects utilizing a diverse tech stack, including HTML, CSS, JS, React, Bootstrap, Node.js, Git, and GitHub.
- Conducted user research and incorporated feedback to improve the UI design of a e-learning website(using html, css and react js), resulting in a 30% increase in user satisfaction.

PROJECTS

LIBRARY MANAGEMENT SYSTEM | SOURCE CODE

GUI Development | OOPS Project

- Technology Used: Java, Java Swing, MySQL
- Engineered a Java Swing-based GUI project that streamlined library maintenance with features such as student and book management, issuing and returning books, with a 30% reduction in processing time.
- Designed and implemented a software solution that enabled library administrators to effortlessly manage student and book records, and automates the issuing and returning process, reducing errors by 40%
- This was a group project, in which I've contributed 47%, mostly in the database section, and 30% in the UI section

MUSIC APPLICATION | SOURCE CODE | DEPLOYMENT

Front End Development

- Technology used : HTML, CSS, JS
- Engineered a fully responsive web-based music player that enabled seamless audio playback across all devices and browsers; improved site speed by 30% and decreased bounce rate by 15%