

Soumyadip Ghosh

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Education

BTech in Computer Science and Engineering

Nov 2020 - 2024

Techno International Newtown

Kolkata, India

• **CGPA** : 8.96

• **Courses**: Data structure and Algorithm, Design and Analysis of Algorithm, Object Oriented Programming, Computer Network, Operating System, DBMS

Higher Secondary

2018 - 2020

Ramakrishna Mission Vidyabhawan

Midnapore, West Bengal

• **Percentage**: 91.2

Skills

Programming Language: C++, JAVA, C, JavaScript, Shell

Tools and Technologies

Web Technology: HTML, CSS, JavaScript, NodeJs, Express Js, jQuery

GUI Development: Java, Java Swing

Database: SQL

Others: Git, Linux, Bootstrap

Projects

Library Management System | Source Code

GUI Development | OOPS Project

- 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
- **Tools used:** Java, Java Swing, SQL

Music Application | Source Code | Deployment

Front end development

- 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%
- **Tools used:** HTML, CSS, Js

Achievements

Competitive Programming

Solved 500+ problem across all the platforms

- Achieved 3 star in Codechef
- **Hackerrank** | Profile Link : 5 star in Problem solving | CPP | C
- **GeeksForGeeks** | Profile Link : Ranked 25 in college, with 500 points
- **Leetcode** | Profile Link : Solved 100+ Problems

Certificates in programming

Hackerrank skill certificate

- Java Basic Certificate | Link
- Problem solving basic | Link
- Problem solving Intermediate | Link
- SQL basic | Link
- CSS | Link