SOURAV BHATTACHARYA

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Bachelor of Technology
in Electronics and Communication Engineering
Asansol Engineering College, Asansol

GitHub
Website
LinkedIn

EDUCATION

Degree	Institute	Board / University	CGPA/Percentage	Year
B.Tech ECE	Asansol Engineering College , Asansol	MAKAUT	8.819 (Till 7th Sem)	2021-2025
Higher Secondary	Ukhra K.B. Institution	WBCHSE	80%	2021
Secondary	Ukhra K.B. Institution	WBBSE	80%	2019

EXPERIENCE

- **Celebal Technologies** *June 2024 - July 2024*
  Summer Intern Remote
  – Worked as a Summer Intern under the SQL department
  – Developed and optimized SQL queries for data extraction and reporting

PROJECTS

- **SMART TROLLEY** *Mar 2024*
  Arduino Uno, Motor Driver, GPS Module **Github**
  – Engineered a Smart Trolley with phone- controlled functionality, enabling seamless remote operation and enhancing user convenience.

- **EXPENSE-TRACKER** *Apr 2024*
  Java Spring Boot, React, JDBC, SQL **Github**
  – Expense Tracker Web App is a Java-based web application designed to assist users in managing their expenses effectively. It provides a user-friendly interface for tracking, categorizing, and analyzing expenses, helping users to maintain control over their finances.

- **STUDENT MANAGEMENT SYSTEM** *Jan 2024*
  JSP, Java, Html, Css, Javascript, SQL **Github**
  – In my student management system web app project, I initiated by defining the system requirements through collaboration with educators and administrators.Frontend Development with HTML, CSS, and JavaScript Backend Development with JSP.

TECHNICAL SKILLS

- **Programming Languages**: Java , C
- **Web Technologies**: HTML, CSS, JavaScript, React
- **Frameworks Libraries**: Spring Boot , JSP
- **Database ORM**: MySQL , JDBC , Hibernate
- **Tools Platforms**: Postman, Git, Eclipse, STS , VS Code

KEY COURSES TAKEN

- **CS**: Object Oriented Programming in Java, Database Management System[DBMS], Data Structures and Algorithms, Computer Networks
- **Electronics and Communication**: Analog and Digital Communication, Digital Electronics, Microprocessor & Micro-Controller
- **Operating Systems**: Windows

CERTIFICATIONS & PUBLICATIONS

- **Wipro TalentNext Java Full Stack Certification**
- **Journal Publication on Smart Trolley: Lose your track of Losing Things** with UGC Approved Paper, JETIR2406755 ISSN-2349-5162
- **Programming Foundations with JavaScript, HTML and CSS** Coursera
- **Database Management Essentials** Coursera
- **Java (Basic) Certificate** HackerRank

POSITIONS OF RESPONSIBILITY

- **Convenor**, Students' Innovation Centre, AEC *Apr. 2024 - Apr. 2025*
- **Student-Coordinator**, I.E.(I), AEC *Apr. 2023 - Apr. 2024*

ACHIEVEMENTS

- **Organized ELECTRONICS INNOVATION 9.0**, National Level Model Competition Cum Paper Presentation *2024*
- **Organized ELECTRONICS INNOVATION 8.0**, National Level Model Making Competition Cum Exhibition *2023*
- **Organized Ideathon CIS 1.0 presents by I.E.(I) Students' Chapter and SIC**, Competition of Ideas for Students. *2023*