Snehasish Pradhan
2023 B. Tech Graduate

Hardworking fresh graduate seeks opportunity in a vibrant organization, which provides the best challenging environment to utilize my programming skills and knowledge, willingness to learn and efficiently contribute to organization's overall growth and success.

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📍 Kolkata, India

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○ github.com/pRaDhAn2001

SKILLS

- Procedural Programming Languages - C Language
- Object-Oriented Programming Languages - C++, Core Java
- Frontend Technologies - HTML, CSS, JavaScript
- SQL
- PL/SQL
- Software Development Life Cycle (SDLC)
- Shell Scripting - Unix

LANGUAGES

Bengali
Native or Bilingual Proficiency

English
Full Professional Proficiency

Hindi
Professional Working Proficiency

INTERESTS

- Music
- Sports

EDUCATION

Bachelor of Technology (B. Tech)
Cooch Behar Government Engineering College
08/2019 - 07/2023   **9.20 CGPA**
- Electronics and Communications Engineering

XII Standard (Higher Secondary)
Nava Nalanda High School(H.S. Dept.)
06/2017 - 05/2019   **90.80%**

X Standard (Secondary)
Nava Nalanda High School
2017   **93.57%**

PROJECTS

Academic Final Year Project - "Smart Traffic Monitoring System" (08/2022 - 06/2023) ↗
- Employed sensors, cameras, and other data collection tools to capture **real-time information** about vehicle flow, congestion levels, and road conditions.
- Used **advanced algorithms**, so that the system can swiftly analyze the collected data to predict traffic patterns, identify congestion-prone areas, and anticipate potential traffic incidents.
- Facilitated **smooth communication** between vehicles and infrastructure, enabling features like real-time navigation updates.
- Generated **user-friendly visualizations** and **reports**, aiding traffic management decisions and providing valuable insights for urban planning.

Portfolio Website - Bharat Intern (08/2023 - 09/2023) ↗
- Developed a responsive portfolio website showcasing my skills, projects, and personal information using **HTML**, **CSS**, and **JavaScript**.
- Implemented a **mobile-first approach**, ensuring seamless usability and a consistent experience across **various devices** and **screen sizes**.
- Employed **CSS animations** and **transitions** to add subtle yet engaging effects, enhancing the overall user experience.
- Devised a dynamic user experience by incorporating **multiple theme colors**, allowing visitors to personalize their interaction with the website and enhancing overall visual appeal.

Library Management System (07/2023 - 08/2023) ↗
- Led the development of a comprehensive, automated library management system using **SQL** and **PL/SQL**, streamlining book borrowing, returns, and transaction tracking.
- Designed an **ER (Entity-Relationship) model** to visualize relationships between different entities, ensuring accurate data representation and minimal redundancy.
- Integrated a trigger-based mechanism to enforce **transaction time restrictions**, allowing book operations only during specified working hours and days.
- Created robust **stored procedures** for book borrowing, returning, and renewal, incorporated fine calculations logic, ensuring data integrity and accurate record-keeping.

CERTIFICATES

'Problem Solving through Programming in C', conducted by IIT KHARAGPUR, NPTEL.

'Java Programming', conducted by Great Learning Academy.

'Oracle SQL', conducted by Great Learning Academy.