



# 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.



snpr2001@gmail.com



+91 8777266318



Kolkata, India



linkedin.com/in/snehasish-pradhan-a32185214



github.com/pRaDhAn2001

## SKILLS

Programming Languages  
- C/C++, Core Java

Frontend Technologies -  
HTML, CSS, JavaScript

Frontend Frameworks -  
React, Bootstrap

Database - SQL, PL/SQL

Shell Scripting - Unix

Cloud Computing

Software Development  
Life Cycle (SDLC)

Problem Solving

## 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

Course

▣ Electronics and Communication 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 (07/2023 - 08/2023)

- ▣ 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 (08/2023 - 09/2023)

- ▣ 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

'Virtual Internship on Web Development' Certificate, conducted by Bharat Intern.

'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.