

## SUMMARY

Motivated final-year Computer Science student with strong knowledge in DBMS, Operating Systems, and Computer Networks. Skilled in Python, C, Flask, MySQL, and full-stack web development using HTML, CSS, and JavaScript. Experienced in building responsive, database-driven applications and collaborating in agile teams. Eager to apply problem-solving and development skills to deliver innovative and scalable software solutions.

## ACADEMIC PROJECTS

### Personal Portfolio Website:

- Built and deployed a responsive web application, improving cross-device accessibility and reducing load time by 20%.
- Technologies Used:** HTML, CSS, JavaScript
- Features:** Responsive Design, Light/Dark Theme Support, smooth animations for interactive, engaging navigation
- Integrated resume download and contact form (Web3Forms API), and hosted the project on Vercel for easy public access and professional engagement.  
(URL: <https://portfolio-arpan-snowy.vercel.app>)

### Parking Management System:

- Developed a smart parking management system to handle 2/4/6-wheeler vehicle entries and exits with precise timestamp logs, ensuring smooth and accurate tracking.
- Technologies Used:** Python, Flask, HTML, CSS, JavaScript & SQL
- Features:** Vehicle entry logging by type (2/4/6 wheeler), ticket generation with unique IDs, automatic time tracking, parking charge calculation, record storage for future reference, user-friendly dashboard, and responsive design for cross-device access.
- Integrated SQL database with Flask backend for secure data handling and reliable retrieval of past records.  
(URL: [github.com/Arpan-Dey0305/Smart-Parking-Management-System](#))

## INTERSHIPS

- Web Development with HTML, CSS, and JavaScript**  
(ApexPlanet, 1.5 month)
  - Built and deployed a fully responsive web application using HTML, CSS, and JavaScript, ensuring optimized performance and cross-browser compatibility.
  - Implemented **advanced styling, dynamic interactions**, and **project-level optimizations**, improving usability, **load speed**, and **mobile responsiveness**.
  - Certificate URL:** [drive.google.com/file/d/1c8Nk7nCOFKnyx0Np87-HCtg\\_O1MumXwq/view](#)
  - Verification URL:** [apexplanet.in/internship/verify/certificate/validate/APSPL2514439](#)

## EDUCATION

### B. TECH IN COMPUTER SCIENCE & ENGINEERING

#### Abacus Institute Of Engineering And Management

CGPA: **7.85**/10 (Till 6<sup>th</sup> Semester) | 📅 2022 – '26

### HIGHER SECONDARY EDUCATION

#### Kurhmun High School (WBCHSE)

Scored **87.80%** with **PCMB** | 📅 2020 – '22

### SECONDARY EDUCATION

#### Kurhmun High School (WBBSE)

Scored **74.43%** in Secondary Examination | 📅 2014 – '20

## SKILLS

- Technological Skills:**
  - Backend:** Python, C, JavaScript
  - Web:** HTML, CSS
  - Database:** SQL
  - Frameworks:** Flask
  - Relevant Tools:** VS Code
  - Subjects:** DBMS, DSA, OS
- Soft Skills:**
  - Leadership & Initiative
  - Communication
  - Team Work
  - Time Management
  - Problem Solving

## RELEVANT COURSES

### WEB FULL STACK DEVELOPER VIRTUAL INTERNSHIP (AICTE EduSkills):

Verification URL:  
[aictecert.eduskillsfoundation.org/pages/home/verify.php?cert=ab87931cb6a211f34404ef218582f1e9](#)

### PYTHON FULL STACK DEVELOPER VIRTUAL INTERNSHIP (AICTE EduSkills):

Verification URL:  
[aictecert.eduskillsfoundation.org/pages/home/verify.php?cert=00249c96352701764b59d9da16a9def3](#)

### The Complete Python Bootcamp from Zero to Expert (UDEMY, 16 Hrs.):

Verification URL:  
[udemy.com/certificate/UC-0758193d-6b1e-4979-966f-15a3de70a253](#)

### 2024 Python Bootcamp | Learn Python Programming Masterclass (UDEMY, 32Hrs.):

Verification URL:  
[udemy.com/certificate/UC-85fc1ebd-b424-48a2-acf2-e9622d118366](#)

### Data Analytics Program (Godrej Infotech Ltd.):

Verification URL:  
[drive.google.com/file/d/13qoeC4bZvWTUK\\_TT3rDki4phGyA\\_65t2/view](#)

### IBM SkillsBuild Project Based Learning Program - Click, Code, Create: Beginner's Guide to Front End Web Development (IBM SkillsBuild & CSRBOX):

Verification URL:  
[drive.google.com/file/d/1vyz0QE32A2HGU1Y1nSO2Tlpj73cjPP71/view](#)

## LANGUAGES

Bengali	
Native	<div><div></div><div></div><div></div><div></div><div></div></div>
English	
Fluent	<div><div></div><div></div><div></div><div></div><div></div></div>
Hindi	
Professional	<div><div></div><div></div><div></div><div></div><div></div></div>

## INTERESTS

Gardening  
Listening Music  
Exploring New Technologies  
Learning Programming Languages  
Photography