

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 Netlify for easy public access and professional engagement.  
(URL: [monumental-melba-466609.netlify.app](https://monumental-melba-466609.netlify.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](https://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](https://drive.google.com/file/d/1c8Nk7nCOFKnyx0Np87-HCtg_O1MumXwq/view)
  - Verification URL:** [apexplanet.in/internship/verify/certificate/validate/APSPL2514439](https://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 – 2026

HIGHER SECONDARY EDUCATION

Kurhmun High School (WBCHSE)

Scored 87.80% with PCMB | 2020 – 2022

SECONDARY EDUCATION

Kurhmun High School (WBBSE)

Scored 74.43% in Secondary Examination | 2014 – 2020

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](https://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](https://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](https://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](https://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](https://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](https://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