

Arpan Dey

Computer Science Undergraduate

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 <https://portfolio-arpan-snowy.vercel.app>

 github.com/Arpan-Dey0305

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)

INTERNSHIPS

• 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/APSPPL2514439

EDUCATION

B. TECH IN COMPUTER SCIENCE & ENGINEERING

Abacus Institute Of Engineering And Management

CGPA: 7.85/10 (Till 6th 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:

drive.google.com/file/d/13qoeC4bZvVTUK_TT3rDki4phGyA_65t2/view

Data Analytics Program (Godrej Infotech Ltd.):

Verification URL:

drive.google.com/file/d/13qoeC4bZvVTUK_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



English

Fluent



Hindi

Professional



INTERESTS

Gardening

Listening Music

Exploring New Technologies

Learning Programming Languages

Photography