SUMON CHANDRA DAS

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PROFILE SUMMARY

Creative and results-driven Computer Science graduate with a strong passion for technology and continuous learning. Skilled in problem-solving, collaboration, and adapting to new environments. Committed to delivering value through real-world contributions and eager to grow within a forward-thinking organization.

EDUCATION

B.Sc. (Honours) in Computer Science and Engineering   June 2021 - May 2025
Sonargaon University (SU)
CGPA: 2.93

Higher Secondary Certificate (HSC)   2019
Mohammadpur Govt. College
Group: Science
CGPA: 2.92

Secondary School Certificate (SSC)   2017
Govt. Science School
Group: Science
CGPA: 4.86

PROJECT EXPERIENCE

Sonargaon University

Cafe Management System (JavaFX Desktop Application)   Jan 2024 – Apr 2024

- Built a desktop-based cafe management system using JavaFX and MVC architecture.
- Designed and implemented modules for user authentication, product management, category management, and order processing.
- Applied OOP principles and structured code into multiple packages, including UI, data access layer, and models.
- Ensured functionality such as login/signup, add/view/edit products, and role-based access control.

Line-Following Robot   Nov 2023 – Dec 2023

- Built an autonomous robot car that followed a predefined path using IR sensors and Arduino Uno.
- Programmed motor control and sensor calibration using Arduino IDE.
- Focused on precision movement and sensor feedback loops.

Underwater Surface Mapping with Sonar   Jul 2023 – Aug 2023

- Designed a sonar-based underwater surface mapping system using Arduino and ultrasonic sensors.
- Interfaced servo motors with sonar to sweep areas and record distance data.
- Visualized depth data for potential real-time mapping applications.

Personal Portfolio Website   Mar 2023 – April 2023

- Created a responsive portfolio website during a web programming course.
- Used HTML and CSS to structure sections like About, Projects, and Contact.

Web Utility Practice Assignment Projects   Jan 2023 – Feb 2023

- Developed small-scale web applications, including a Quote Generator and a ToDo List using HTML, CSS, and JavaScript.
- Implemented features such as randomized quote display, responsive layouts, and dynamic task creation and management using DOM manipulation.
- Focused on practicing core front-end skills within a tight academic schedule.

TECHNICAL SKILLS

Programming Languages: C, C++,Java

Web Technologies: HTML, CSS, Basic JavaScript

Tools & Software: VS Code, NetBeans, Arduino IDE, MS Excel, PowerPoint

Database Concepts: Basic SQL, MySQL

Version Control & Collaboration: Git, GitHub (Basic)

SOFT SKILLS

- Problem-Solving
- Adaptability
- Collaboration
- Time Management
- Attention to Detail
- Strong Communication

LANGUAGE

Bangla: Full professional proficiency

English: Professional working proficiency