Prosenjit Mondol (Prosen)

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OBJECTIVE

AI-powered and real-time IoT applications. Skilled in Python, php, Laravel and frameworks. Seeking to apply cutting-edge technology to solve complex problems and contribute to impactful projects.

TECHNICAL STRENGTHS

Domain Expertise	No-Skills
Programming Languages	Python, C++, JavaScript, Java, PHP, C
ML Framework / Package	Laravel, React
Database	MySQL, Oracle, SQL Server
Miscellaneous Tools	Git, Github, Latex

EXPERIENCES

Internet of Things (IoT)
Smart Vacuum Cleaner

 View Project
Microcontroller/Processor, Sensors, Connectivity, Cloud/Server, Software & Programming

- The application is used to initiate the robot. The navigation of the robot is according to the help of sensors it detects and avoids obstacles. To save the time of the people the smart vacuum cleaner helps to clean the surface of the floor without any human intervention.

COMPETITIVE PROGRAMMING

HackerRank - prosenjit1156 **CodeForces -** prosenjit_mondol **LeetCode -** prosenjit_mondol **Beecrowd -** Prosenjit

- Solved over 1000+ problems across multiple competitive programming platforms, honing expertise in algorithms, data structures, and problem-solving techniques.
- 3rd Position in PSTU IT Carnival Programming Contest.
- Participant in ICPC Dhaka Regional Preliminary 2023, 2024
- Participant in BitFest KUET, 2024

PROJECTS

Graph-Visualizations
 Git Repository OR View Live

Graph Craft is a web-based tool for visualizing and analyzing graphs. It provides an interactive environment where users can input their graph data in the form of an adjacency matrix and instantly visualize the graph along with various analysis results.

JOB PORTAL
 Git Repository

The Job Portal is a robust and user-friendly platform designed to bridge the gap between job seekers and employers. Providesessential features such as job postings, applications, user authentication, and an intuitive search system to enhance the recruitment process.

Blood Bank Project
 Git Repository

The Blood Bank Management System is a Java-based application designed to manage and streamline the process of blood donation and distribution. This system helps in maintaining donor records, blood inventory, and managing blood requests from hospitals and other healthcare institutions.

RESEARCH & PUBLICATION

EDUCATION

B.Sc. in Engg. in Computer Science & Engineering (CSE)
Patuakhali Science and Technology University

Session 2021-22