

Syed Noor - A - Manik

Contact Information

- ✉ syednoor.n.s311@gmail.com
- ☎ 01753015746
- 📞 01631312461
- in LinkedIn Profile
- 🐙 GitHub Profile
- HackerRank Profile
- 🌐 Netlify Profile
- Credly Profile

Address

Bashundhara R/A, Block D, Road 4, Dhaka, Bangladesh

Objective

As a final-year Computer Science and Engineering student, I am a dedicated and quick learner with a passion for exploring new horizons in the world of technology. I am enthusiastic about seeking an internship opportunity in January 2024, where I can apply my existing skills, acquire new knowledge, and contribute to innovative projects. I am committed to continuous growth and excited to embrace fresh challenges.

Skills

- Soft Skills: Soft Skills: Communication, Leadership, Teamwork, Critical Thinking.
- Programming Languages: Python, Java, C++, PHP, SQL
- Web Development: HTML, CSS, JavaScript
- Database Management
- Cloud Platform: AWS Web Hosting
- Office Productivity: Word, Docs, Excel, Spreadsheet, PowerPoint, Slides
- IoT (Node MCU, Arduino Uno)
- UI Design
- Ethernet, IP Connectivity, IP Services, IP Subnetting, IPv4 And IPv6 Addressing, Network Fundamentals, Security Fundamentals, Switching

Education

B.Sc. in Computer Science and Engineering

Minor in Management Information System

Independent University, Bangladesh

Expected Graduation: May 2024

Higher Secondary Certificate (HSC)

Cumilla Govt. College
Secondary School Certificate (SSC)

Cumilla Zilla School
Junior School Certificate (JSC)

Cumilla Zilla School

Projects

Automatic Pet Food Dispenser

WiFi-Connected Automatic Pet Food Dispenser with Google Assistant Integration As a dedicated and forward-thinking innovator, I undertook a passion project that exemplifies my commitment to technological advancement and the welfare of our beloved pets. In my spare time, I designed and developed a groundbreaking WiFi-connected automatic pet food dispenser that can be controlled with the convenience of Google Assistant. This project showcases my proficiency in electronics, programming, and a deep understanding of the practical needs of pet owners. Key Achievements: Seamless Connectivity: The pet food dispenser is integrated with WiFi, enabling pet owners to feed their pets remotely and on a schedule, even when they are away from home. This feature provides peace of mind to pet owners and ensures the well-being of their furry companions. Voice-Activated Control: The device's integration with Google Assistant allows users to feed their pets with a simple voice command. This innovation not only enhances the user experience but also brings convenience to pet owners, who can now take care of their pets effortlessly, irrespective of their location. Customizable Scheduling: The automatic dispenser features a user-friendly mobile application that allows pet owners to set feeding schedules, portion sizes, and meal frequencies tailored to their pets' needs. This customization ensures that each pet receives the right amount of food at the right time. Ensuring Pet Welfare: By automating pet feeding, my project contributes to the well-being of pets. It helps prevent overfeeding and ensures that pets are cared for, even when their owners are not physically present. Problem-Solving: This project addresses the common concern of pet owners who may have busy schedules, travel frequently, or work long hours, providing a practical and effective solution for pet care. In addition to the technical skills demonstrated in the creation of this innovative device, this project highlights my commitment to improving the lives of both pets and pet owners through technology. It reflects my ability to identify and solve real-world problems, design user-friendly solutions, and integrate cutting-edge technologies.

Prison Management System

- Prison Management System that has proven to be a groundbreaking solution in the correctional industry. This project reflects my commitment to utilizing technology for the enhancement of administrative efficiency and security within correctional facilities. The system's multifaceted functionalities empower prison officials, including jailers, counselors, and other authorized personnel, to manage inmate information, monitor prison activities, and ensure a safer environment.

Key Achievements:

Inmate Information Management: The Prison Management System serves as a centralized repository for storing and managing essential inmate information. This includes personal data, criminal records, sentence details, medical history, and behavioral assessments, ensuring that prison staff can make informed decisions and effectively address the unique needs of each inmate.

Access Control: To maintain data security and privacy, the system implements strict access control measures. Only authorized personnel, such as jailers, counselors, and prison officials, can access and modify inmate records. This safeguard prevents unauthorized access and enhances the overall security of the correctional facility.

Real-Time Tracking: The system facilitates real-time monitoring of inmate movements and activities within the prison. By providing up-to-date information, it enables prison staff to ensure inmate safety, streamline resource allocation, and respond promptly to any security concerns.

Inmate Rehabilitation: The system includes features for counselors to document and track inmate progress in rehabilitation programs. This data-driven approach aids in the development of tailored rehabilitation plans and assists in reducing recidivism.

Data Analytics: The system generates comprehensive reports and analytics that offer insights into inmate behavior, resource utilization, and facility operations. This data-driven approach can inform decision-making and assist in optimizing prison management strategies.

User-Friendly Interface: The intuitive user interface of the Prison Management System ensures that authorized personnel can easily navigate and interact with the system. This user-friendliness contributes to efficient data entry and retrieval.

Compliance and Accountability: The system aids prison officials in maintaining compliance with legal and regulatory requirements by accurately documenting inmate details, incidents, and interventions. This accountability ensures transparency in prison operations.

The Prison Management System embodies my technical expertise in software development, database management, and system security. It reflects my ability to address complex operational challenges and improve the functionality of critical institutions. Furthermore, this project showcases my dedication to using technology for the greater good, particularly in environments where security, efficiency, and the well-being of individuals are of paramount importance.

Cloud HemoSphere

- Developed Cloud HemoSphere, an online cloud service that manages blood donation groups and aims to increase accessibility and efficiency for blood banking in Bangladesh.

Co-Curricular Activities

Bangladesh National Cadet Corps (BNCC)

- Cadet Number: 11333257
- Successfully completed an annual camp under the arrangement of Mynamati Regiment.

Living Field Experience (LFE)

- Participated in the LFE program, providing hands-on experience in social surveys, environmental studies, and village life analysis.

Training And Certifications

Cisco Certified Network Associate (CCNA)

- Earned CCNA certification from Cisco Networking Academy.

Bangladesh National Cadet Core (BNCC)

- Successfully completed annual camp under Mynamati Regiment.

Hobbies

- Playing Chess
- Reading Books
- Gardening
- Spending times with friends and family