

Abdullah Al Jehan

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CAREER OBJECTIVE

Analytical and project-driven engineering student with a strong foundation in physics, mathematics, and systems programming. Experienced in developing embedded systems, IoT applications, and hardware-software integrations. Demonstrates expertise in C programming, Linux environments, and circuit fundamentals, paired with leadership experience as Founding Advisor at Kynatium Labs. Seeking to leverage technical skills in microcontrollers, sensor integration, and system design within an innovative engineering role.

EDUCATION

Government Science College <i>Higher Secondary Certificate (HSC), Science</i>	Oct 2023 – Jun 2025 GPA: 5.00 / 5.00
President Professor Dr. Iajuddin Ahmed Residential Model School & College <i>Secondary School Certificate (SSC), Science</i>	Jan 2018 – May 2023 GPA: 5.00 / 5.00

TECHNICAL SKILLS

- **Languages:** C, HTML, CSS
- **Systems & Tools:** Linux (Debian/Ubuntu Based), Bash/Shell Scripting, Git, GitHub, VS Code
- **Embedded & IoT:** Arduino, Microcontrollers, Hardware-Software Integration, Sensor Integration
- **Interests:** Artificial Intelligence (AI), Machine Learning, Robotics, Automotive Engineering

EXPERIENCE

Founding Advisor <i>Kynatium Labs (Remote)</i>	Jan 2026 – Present Dhaka, Bangladesh
• Advised the founding team on strategic direction, technical roadmap, and early-stage decision-making. • Reviewed technical content and embedded systems concepts to ensure clarity, accuracy, and feasibility. • Directed beginner-focused outreach strategy and social media positioning to democratize tech education in Bangladesh. • Supported long-term growth decisions, curriculum direction, and community-building initiatives.	

PROJECTS

Contact Management System (C)	<i>File Handling, CLI</i>
• Developed a menu-driven command-line Contact Management System in C. • Implemented robust file handling mechanisms to add, save, update, and display user contacts efficiently. • Optimized memory management and utilized standard C libraries for seamless data manipulation.	
Obstacle Avoiding Robot (C++)	<i>Robotics, Embedded Systems</i>
• Collaborated on developing an autonomous obstacle-avoiding robot using microcontrollers and sensor integration. • Programmed navigation logic in C++ to process real-time sensor data and control hardware motors effectively.	
Personal Portfolio Website (HTML, Tailwind CSS)	<i>Web Development</i>
• Structured responsive, minimal content to highlight Embedded Systems, IoT, and Programming interests to potential collaborators. • Designed and built a personal portfolio site using HTML, CSS to showcase technical background and embedded systems projects.	

HONORS & AWARDS

- **Presidency University – Prothom Alo HSC GPA-5 Reception (2025):** Recognized for achieving a perfect GPA in the Higher Secondary Certificate examination.

LANGUAGES

- **Bengali:** Native/Bilingual
- **English:** Professional Working