



# MOMIN UZ ZAMAN

**Address:** Dhaka, Bangladesh  
**Phone:** 01307023892  
**Email:** muzaman.888@gmail.com  
**Website:** www.mominuzzaman.com

## SUMMARY

Experienced Web Developer, Robotics & 3D-printing practitioner, and STEM educator with strong skills in project management, product design, and startup/nonprofit collaboration. Built and delivered multiple web and robotics projects, led volunteer teams, and founded FavSat (CubeSat-inspired project). Skilled in web development, 3D design/printing, embedded systems, and curriculum development.

## WORK EXPERIENCE

- JUNIOR WEB DEVELOPER, CodemanBD** 2019–2021
- Website design and development, Website design and development. Helped businesses create an online presence.
- WEBSITE DESIGNER, Imagine Digital Studios** 2021–2022
- Web design projects and client websites. Developed server-side application components and reusable libraries.
  - Improved software performance and scalability.
- CHIEF MARKETING OFFICER, 3D Printing BD** 2023–Present
- Built brand identity and conducted ground-level marketing to grow the company.
  - Monitored finances, managed costs and budgets, and led business development.
- Robotics Consultant, FAUNA InfoTech Limited** Apr 2025 - Present
- Designed and developed robotics projects integrating hardware, software, and automation systems to meet both industrial and educational objectives.
  - Helped to create a comprehensive robotics curriculum that enables students to learn programming, electronics, and robotics through hands-on projects.
- IT OPERATIONS MANAGER, Alzheimer Society Bangladesh** Sept 2025 - Present
- Managed IT operations and support functions. Executed projects for social betterment and cultural exchange.
  - Improved team productivity and profitability; delivered high customer service standards. Supported businesses in establishing online presence.

## EDUCATION

- Bachelor of Science in Computer Science and Engineering** Jul 2025 - Continuous  
CGPA: 3.67/4.00; Southeast University, Dhaka
- Higher Secondary Certificate** Mar 2022 - Nov 2023  
GPA: 4.80/5.00; Dhaka Imperial College, Dhaka
- Secondary School Certificate** Jan 2019 - Nov 2021  
GPA: 4.67/5.00; Khilgaon Government High School, Dhaka

## ADDITIONAL INFORMATION

- Technical Skills:** Web Development & Backend Engineering, Graphics Design, UI/UX, Microsoft Office, Public Speaking, Sales & Customer Handling, Data Analysis & Reporting, E-commerce Expert
- Certifications:** E-commerce Expert — Jun 2022, CodemanBD. Google Certified Ads Expert — Feb 2022
- Awards:** 2nd Place, Project Segment — 3rd BMARPC National Science Fest (Mar 2022). Honorable Mention — IEEE YESIST12 (Nov 2021).



# AL IMRAN

**Address:** Tangail Sadar, Dhaka  
**Phone:** 01862100733  
**Email:** imranpushon@gmail.com

## SUMMARY

Innovative professional specializing in hardware–software integration, robotics systems, and 3D printing technologies. Skilled in system automation, robotics programming, and embedded development using Arduino, ESP32, and Raspberry Pi. Experienced in optimizing 3D printing operations and developing automation systems for industrial and educational robotics projects. Dedicated to delivering efficient, high-performance engineering solutions through creativity and technical precision.

## WORK EXPERIENCE

- 3D Designer, Dreams Of Bangladesh** **Apr 2025 – Sept 2025**
  - Designed 3D models and mechanical structures for the WISE Rover projects for both junior and senior teams.
- Hardware Engineer, Polynomial Labs** **Jan 2023 - Present**
  - Led programming and system integration for automation and prototyping systems, managing and maintaining 3D printers and servers to improve uptime and reliability.
  - Worked with the design team to enhance prototype speed and efficiency, streamlining 3D printing workflows and reducing turnaround time.
- 3D Printing Operations Engineer, 3D Printing BD** **Oct 2024 - Present**
  - Managed and maintained multiple 3D printers, handling calibration, repair, and hardware upgrades to improve performance and quality.
  - Oversaw inventory and optimized slicer configurations for faster print cycles, achieving under 1% print failure rate and higher production efficiency.
- Robotics Consultant, FAUNA InfoTech Limited** **Apr 2025 - Present**
  - Designed and developed robotics projects integrating hardware, software, and automation systems to meet both industrial and educational objectives.
  - Helped to crate a comprehensive robotics curriculum that enables students to learn programming, electronics, and robotics through hands-on projects.
- 3D Consultant, Foot Balance Technology BD** **Sept 2025 - Present**
  - Led the modernization of legacy 3D printing systems by implementing Klipper-based printers, upgrading hardware, software, and workflows for higher precision and automation.
  - Provide technical consultancy to enhance slicing precision, speed, and reliability, transforming operations into a highly efficient, industry-ready setup.

## EDUCATION

- Bachelor of Science in Computer Science and Engineering** **Oct 2025 - Continuous**  
CGPA 3.75/4.00; IUBAT, Dhaka
- Higher Secondary Certificate** **Oct 2023 - Sept 2025**  
GPA: 4.50/5.00; Major General Mahmudul Hasan College ,Tangail
- Secondary School Certificate** **Jan 2021 - Jun 2023**  
GPA: 5.00/5.00; Mukul Niketan High School, Mymensingh

## ADDITIONAL INFORMATION

- Technical Skills:** Arduino, ESP32, Raspberry Pi, Jetson Nano, IoT and Automation, Embedded Systems, 3D Printing, Project Management, Fusion 360,3D Designing
- Certifications:** Acquired in-depth knowledge through a series of professional online programs specializing in IoT development, embedded system integration, and automation systems design.
- Awards:** Top 5 finalists – 45th National Science Fair(2024), Bronze Medal – World Robot Olympiad (2024), Champion – IUBAT Technocrats(2024), Bronze Medal – ISIF Bangladesh (2025)



# MOHAMMAD ATEF BHUIYAN

**Address:** 14/2-C, Mirbug, Mogbazar, Dhaka  
**Phone:** 01755954008  
**Email:** atefbhuiyan@gmail.com

## SUMMARY

Results-oriented Computer Science student specializing in the intersection of hardware and software. Brings extensive experience in system integration, robotics programming, and 3D printing operations management. Key skills include development on Arduino, ESP32, and Raspberry Pi, Linux system administration, and AI/ML model training. Demonstrated success by contributing to an award-winning robotics team and significantly improving 3D printing efficiency and reliability.

## WORK EXPERIENCE

**Hardware & Software Systems Engineer, Polynomial Labs** Jan 2023 - Present

- Led programming and system integration for automation and prototyping systems, managing and maintaining 3D printers and servers to improve uptime and reliability.
- Worked with the design team to enhance prototype speed and efficiency, streamlining 3D printing workflows and reducing turnaround time.
- Utilized Arduino, Jetson Nano, Raspberry Pi, AI/ML tools, Linux, and Orca Slicer for system design and management.

**3D Printing Operations Engineer, 3D Printing BD** Oct 2024 - Present

- Managed and maintained multiple 3D printers, handling calibration, repair, and hardware upgrades to improve performance and quality.
- Oversaw inventory and optimized slicer configurations for faster print cycles, achieving under 1% print failure rate and higher production efficiency.

**Robotics Programmer, Team Atlas** May 2024 – Mar 2025

- Designed algorithms and wrote software for robotics projects using Arduino, ESP modules, and Raspberry Pi.
- Collaborated with hardware teams on system control and integration, contributing to the Rover Project and a Gold Medal-winning entry at RISE Malaysia.

**Robotics Consultant, FAUNA InfoTech Limited** Apr 2025 - Present

- Designed and developed robotics projects integrating hardware, software, and automation systems to meet both industrial and educational objectives.
- Helped to crate a comprehensive robotics curriculum that enables students to learn programming, electronics, and robotics through hands-on projects.

## EDUCATION

**Bachelor of Science in Computer Science and Engineering** Jul 2025 - Continuous

CGPA: 3.83/4.00; Southeast University, Dhaka

**Higher Secondary Certificate** Mar 2022 - Nov 2023

GPA: 4.50/5.00; Dhaka Imperial College, Dhaka

**Secondary School Certificate** Jan 2019 - Nov 2021

GPA: 5.00/5.00; Khilgaon Government High School, Dhaka

## ADDITIONAL INFORMATION

- **Technical Skills:** Arduino, ESP32, Raspberry Pi, Jetson Nano, IoT and Automation, Embedded Systems, AI/ML Model Training, Linux System Administration, 3D Printing & Orca Slicer, Project Management, Fusion 360.
- **Languages:** English, Japanese.
- **Certifications:** Completed multiple online courses focused on IoT development, embedded systems, and automation design
- **Awards/Activities:** Actively participated in university tech exhibitions and robotics competitions



# ABDULLAH AL JUNAED

TECH & MANAGEMENT SPECIALIST | ROBOTICS & 3D DESIGN INNOVATOR

Uttara, Dhaka | abjunaed02@gmail.com | www.abdullahaljunaed.com

Innovative technologist and community leader passionate about robotics, 3D design, and social impact. Served as one of the youngest government consultants in Bangladesh, leading digital fabrication initiatives. Founder and technology leader across multiple startups, award-winning STEM competitor, and active Rotaract president recognized for national and international service. Dedicated to designing accessible, sustainable, and scalable technological solutions that bridge education, innovation, and impact.

## AREA OF EXPERTISE

**Technical:** 3D Design (Fusion 360, Blender), Robotics, IoT Systems, Arduino, ESP32, Python, C++, AI/ML Prototyping & Deployment, Reverse Engineering

**Creative:** Graphic Design (Adobe Suite, Canva), Video Editing, Presentation Design

**Leadership:** Project Management, Public Speaking, Community Engagement, Strategic Planning

## PROFESSIONAL EXPERIENCE

**Product Lagbe, Dhaka, Bangladesh | Co-founder & Acting CEO**

**Sept 2022 - Present**

- Founded a 3D printing and prototyping startup that evolved from a small repair shop.
- Engineered FDM systems based on Klipper-Mainsail, achieving 200–300 mm/s print speeds.
- Developed custom 3D designs and electronics for industrial clients.

**ICT Division, Dhaka, Bangladesh | Technology Consultant**

**Jan 2025 – Present**

- One of the youngest consultants under the Digital Lab Setup 2.0 Project.
- Introduced 3D printing technologies to the Director General and senior officials.
- Leading the development of digital Lab manual educational institutions.

**Polynomial Labs, Dhaka, Bangladesh | Lead Instructor**

**April 2023 – Present**

- Conducted 100+ Workshops in various educational Institutes in Bangladesh.
- Mentored & led teams of young tech innovators for 80+ national and international competitions.
- Won the prestigious International Young Scientist Award by IYSA.

**InnovateX Engineering, Dhaka, Bangladesh | Product Designer**

**April 2024 – July 2025**

- Designed mechanical solutions for top textile firms in Bangladesh.
- Tested and simulated Military mission drones for the Air Force of Bangladesh.
- Developed Bangladesh's first SUAS flight certified flying and Payload deployment system.

**Bangladesh Moon Landers Rover Team | Design Lead & Pit Crew Member**

**April 2024 – April 2025**

- Led rover chassis and drivetrain design; finalist for NASA Human Exploration Rover Challenge 2025.
- Coordinated 3D printing and assembly workflows; supported field testing and pit operations.

**Better Institute, Boston, Massachusetts, USA | Business Developer & Researcher**

**Oct 2023 – Dec 2024**

- Conducted STEM education research in collaboration with Tufts University and Hack for Earth.
- Developed scalable models for project-based learning platforms.

**Teams Atlas, Khulna, Bangladesh | Student Researcher & 3D Designer**

**Jan 2021 – Dec 2024**

- Helped to develop Arduino based robotics projects; contributed to 'Arduino Crash Course' curriculum.
- Made Multiple Arduino/ESP32 Based projects and led LAB classes.

## KEY PROJECTS

---

- **Agrover – Automated Agricultural Robot** : Engineered a solar-powered robotic farming system integrating AI and IoT for soil analysis, irrigation automation, and crop health monitoring. Designed to enhance agricultural productivity sustainably. Published research based on this system in the Global Scientific Journal.
- **Bangladesh Moon Landers Rover** : Designed and built a lunar rover prototype selected as a NASA Human Exploration Rover Challenge 2025 finalist. Contributed to structural design and 3D-printed lightweight modular components.
- **Biomimicry in Robotics** : Developed spider-inspired rescue robots with adaptive mobility to navigate collapsed environments, enhancing disaster response capabilities.
- **Agrox – IoT-Based Agricultural Solution for Smart Farming** : Developed as part of Team Atlas for NASA Space Apps Challenge 2024. Built sensors using ESP32 for real-time soil moisture, temperature, and rainfall tracking, combined with AI-based crop disease prediction. Provided farmers with actionable data for climate-resilient agriculture.
- **Klipper-Mainsail Firmware** : Customized firmware upgrade for 3D printers that increased print speed to 250 mm/s while maintaining precision.

## EDUCATION

---

### Higher Secondary Certificate

Mar 2022 - Nov 2023

GPA: 5.00 / 5.00; Dhaka Imperial College, Dhaka, Bangladesh

### Secondary School Certificate

Jan 2019 - Nov 2021

GPA: 5.00/5.00; Motijheel Government Boys' High School, Dhaka, Bangladesh

## CERTIFICATIONS

---

### CS229 : Machine Learning

Stanford University, California, USA

### CS106A: Programming Methodology

Stanford University, California, USA

### Python4Physics

University of California, Berkeley, California, USA

### Physical Computing with MicroBit & Arduino

Lancaster University, Lancaster, United Kingdom

## AWARDS & HONORS

---

**National Champion & Gold Medalist** – International Science & Innovation Fair - 2025

**Global Finalist (Top 1%)** – Student Unmanned Aerial Systems, USA - 2025

**Top 10 & Global Finalist** – NASA Human Exploration Rover Challenge, USA - 2025

**Divisional Champion & Global Nominee** - NASA International Space Apps Challenge Bangladesh 2024

**Award Recipient** - BTRC Best Young IT Contributor Award - 2025

**Champion** – Energy Transition Segment, Climate Justice Case Competition - 2024

**Gold Medalist & IYSA Special Award** - World Innovation Competition & Exhibition - 2024

**Runners Up** – National AI Olympiad - 2023

**Champion** – International IQ Olympiad - 2023

**Gold Medalist –Bangladesh Region Rank 1-** International Math Olympiad (INDIA) - 2023

**National Qualifier** – World Robot Olympiad - 2022

**Champion** - IEEE YESIST12 – 2021

**Gold Medalist** – National High School Programming Contest - 2020

**Champion** - Prothom Alo KPBSC Science Festival - 2019



# MOHAMMAD ABDULLAH AL TITU

**Address:** 10/2 , Senbari Road, Sadar, Mymensingh  
**Phone:** 01815204982  
**Email:** abdullahaltitu21@gmail.com  
**Website:** www.abdullahtitu.com

## SUMMARY

An ambitious and innovative HSC-level student passionate about Robotics and Aerospace Engineering, with hands-on experience in robot design, 3D printing, PCB design, and embedded systems. Founder of FavSat by FavLab, a CubeSat-inspired project integrating STM32 microcontrollers and advanced sensors for real-time telemetry and environmental monitoring. Actively participated in World Robot Olympiad (WRO) and International Robot Olympiad (IRO), showcasing strong creativity, teamwork, and problem-solving skills. Eager to pursue opportunities in robotics, aerospace research, and embedded technology development.

## PROFESSIONAL EXPERIENCE

**Founder & CEO, FavLab** Jan 2024 - Present

- Founded and led FavLab, overseeing the development of FavSat CubeSat and multiple robotics projects, from concept to prototyping.
- Managed hardware, embedded systems, 3D printing, and PCB design, ensuring efficient development workflows and high-quality prototypes.
- Guided and collaborated with team members on robotics, IoT, and aerospace projects, implementing Arduino, ESP32, STM32, Raspberry Pi, Jetson Nano, and AI/ML-based solutions.

**3D Printing Operations Engineer, 3D Printing BD** Oct 2024 - Present

- Led programming and system integration for robotics and automation projects, managing embedded systems, IoT devices, and 3D printers to ensure reliability and high performance.
- Collaborated with design teams to optimize prototyping workflows, using Orca Slicer and Fusion 360 to improve speed, efficiency, and turnaround time.
- Utilized Arduino, STM32, Raspberry Pi, AI/ML tools, and Prusa Slicer for system design and management.

**Robotics Consultant, FAUNA InfoTech Limited** Apr 2025 - Present

- Designed and developed robotics projects integrating hardware, software, and automation systems to meet both industrial and educational objectives.
- Helped to crate a comprehensive robotics curriculum that enables students to learn programming, electronics, and robotics through hands-on projects.

## EDUCATION

**Higher Secondary Certificate** Aug 2024 - Continuous

**Govt. Ananda Mohan College, Mymensingh**

**Secondary School Certificate** Jan 2019 - Feb 2024

**Uchakhila Higher Secondary School, Mymensing**

## ADDITIONAL INFORMATION

- **Technical Skills:** Arduino, **STM32**, ESP32, **LoRa**, Raspberry Pi, Custom LongRange Telemetry System, IoT and Automation, **Embedded Systems**, Sensor Calibration, AI/ML Model Training, **3D Printing & PCB Design**, Processing ,Project Management, Free Cad, TinkerCad Simulation.
- **Creative:** Graphic Design (Adobe Suite, Canva), Video Editing .
- **Languages:** English, Bangla.
- **Certifications:** Completed multiple online courses focused on IoT development, embedded systems, and automation design.
- **Awards/Activities:** 46<sup>th</sup> National Science Fair Champion,2025, Bronze Medal- World Robot Olympiad, Selected In 27<sup>th</sup> International Robot Olympiad ,2025 (Australia) And Actively participated in university tech exhibitions and robotics competitions.