

# MD. RIYAD HOSSAIN

📍 Kaundia, Mirpur-1, Dhaka.

📞 Mobile: +88 01924550539

🌐 [linkedin.com/md-riyad-hossain](https://www.linkedin.com/md-riyad-hossain) | Email: [mriyadhossain@yahoo.com](mailto:mriyadhossain@yahoo.com)



---

## Professional Summary

Motivated Computer Science and Engineering graduate with strong foundations in Software Engineering, AI, and cybersecurity. Skilled in problem-solving, quick learning, and adapting to new technologies. Experienced in AI-driven projects and secure system design, with a passion for contributing to innovative solutions and continuous growth.

---

## Core Competencies

- **Programming & Development:** Python, C, C++, SQL, HTML, CSS
- **Technical Skills:** Software Development, Artificial Intelligence, Cybersecurity, Data Structures & Algorithms
- **Tools & Platforms:** Linux, Git, VS Code, Jupyter Notebook
- **Methodologies:** Agile, Software Development Lifecycle (SDLC), Problem-Solving Approaches
- **Soft Skills:** Analytical Thinking, Team Collaboration, Adaptability, Effective Communication

---

## Education

- **Bachelor of Science in Computer Science and Engineering**  
Dhaka City College — 2024 | CGPA: 3.01 / 4.00
- **Higher Secondary School Certificate (HSC)**  
Monipur Uccha Viddalaya and College — 2017 | GPA: 4.67 / 5.00
- **Secondary School Certificate (SSC)**  
Kaundia Shahid Smrity High School — 2015 | GPA: 4.50 / 5.00

---

## Academic Project

### Automated Attendance and Security System Using AI Vision

- Designed and implemented a smart attendance system using **facial recognition** with **OpenCV**.
- Automated attendance tracking with **real-time monitoring, access control integration and reporting**.
- Enhanced security features by detecting abnormal behavior and generating instant alerts.
- Developed an **admin interface** for managing attendance records and monitoring data.
- Improved efficiency and accuracy compared to traditional manual attendance methods.

---

## Certifications & Courses

**Google Cybersecurity – [Coursera](#)** Feb 2025

- Skilled in **network security, incident response, and threat analysis**.
- Worked with **Linux, SQL, Wireshark, and Python** for security analysis.

**Artificial Intelligence – IIT, University of Dhaka** Aug 2023

- Hands-on experience in **ML, DL, NLP, and computer vision**.
- Built and optimized **AI models** using **TensorFlow, Keras, and OpenCV**.

**Web Accessibility – BUET** Sep 2023

- Learned principles of **accessible web design** aligned with **WCAG standards**.
- Gained skills in **HTML, CSS, ARIA roles, and usability testing** to ensure inclusivity for users with disabilities.

**Soft Skills Program– Advanced (Wadhvani Foundation, EDGE BCC)** Nov 2023

- Completed **77 hours of training** focused on employability and professional development.
- Strengthened **communication, problem-solving, teamwork, and workplace readiness skills**.

---

## Leadership Roles

- **Team Leader – Learnathon 3.0 (Geeky Solutions)-2024**  
Led **Team DartDareDevils** in a competitive hackathon, managing project development and fostering collaboration under deadlines.

---

## Extracurricular Activities

- **Debate Competition – Runner-up (2016)** – Enhanced critical thinking, persuasive communication, and public speaking skills.
- **Scouts Member** – Developed teamwork, discipline, and leadership through community service and outdoor activities.

---

## References

### Shyful Islam

IT Support Engineer

Hikvision Bangladesh

Phone: +8801728-149998

Email: [shyfulislam87@gmail.com](mailto:shyfulislam87@gmail.com)

Relationship: Mentor and Personal Contact

### Anupam Halder

Professor

Dhaka City College

Phone: +8801912-167998

Email: [anupamhalder526@gmail.com](mailto:anupamhalder526@gmail.com)

Relationship: University Professor

## Declarations:

I hereby declare that the information provided above is true and correct to the best of my knowledge and belief.