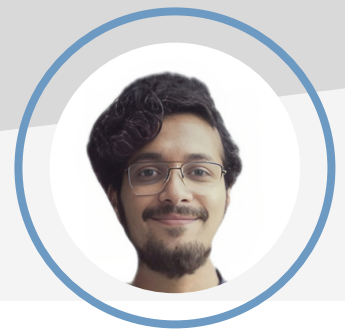


# RAFIUL ISLAM

SOFTWARE ENGINEER



## PROFILE

In the world of code, I find my rhythm—a software engineer with a foundation built on both theory and practice. I thrive on challenges, working closely with teams to learn, grow, and refine my skills. I'm always eager to solve the puzzles that technology presents, aiming to create solutions that aren't just functional but truly exceptional. I am driven by the desire to weave innovation into the fabric of a forward-thinking company, where creativity meets purpose.

## SKILLS

- Application Package : VS Code, Eclipses, CodeBlocks, Sublime Text, Intelij, MS Excel, MS PowerPoint.
- Software Methodology : Agile, XP, Scrum , RUP , Spiral.
- Additional Skill : Prototyping design and drawing
- Web Frameworks : React ,Laravel , Bootstrap , Material-ui ,Express.js
- Programming Language : C,C++,Java,Javascript,Php,Python
- Version Control : GitHub
- Database : MySQL and MongoDB
- Familiar with Java, Python, C++
- Web Technology : Html, Css ,Javascript ,Bootstrap.
- Project Management Tools : Jira ,Asana
- Proefficient in HTML, CSS, JavaScript.

### Software & Tools:

- Experience with windows, UNIX, Git and version control
- UI/UX (Figma)
- Video compression and archiving
- IDEs: IntelliJ, Visual Studio Code
- Wireshark: Analyze and Traffic

### Technical Skills:

- Object-oriented design principles
- Networking/ IP routing

## CONTACT

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- in [www.linkedin.com/in/rafiul-islam-208702217](https://www.linkedin.com/in/rafiul-islam-208702217)
- 🔗 <https://github.com/rafiulislam89>
- 🌐 <http://rafiulislam.rf.gd>

## EDUCATION

### United International University (UIU)

Bsc in Computer Science and engineering

### Sylhet Polytechnic Institute (SPI)

Diploma in engineering  
Electro-medical

### Dewanganj Govt. High School

Secondary School Certificate  
Science

## CERTIFICATIONS

- The Front-End Web Developer Bootcamp: HTML, CSS, JS & React, **Udemy**.
- Master Git and Github-Beginner to Expert, **Udemy**.
- Python And Django Framework For Beginners Complete Course, **Udemy**.
- Network Mastery for Ethical Hackers, **Udemy**.
- Cultural Certification from **SIAS, UIU**.

## AWARDS

Awarded 2nd prize in the Hardware category for Smart vending machine at the UIU project show (Computer Networking Project)

## EXPERIENCE

- During University Life Successfully Complete Software and Hardware Project.
- Attending workshops, seminars, and tech talks to stay updated with the latest industry trends .
- I visited a software company for university project
- I worked with UIU Computer Club.

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## PROJECTS

- Niramoy: AI-Driven Bangla Healthcare Chatbot.
- Developing "Niramoy" an AI-powered chatbot that delivers healthcare services in Bangla. Utilizing advanced NLP and machine learning, the chatbot provides accurate disease diagnosis, health information, and personalized monitoring. This project showcases my skills in AI and software development while improving healthcare accessibility for Bangla-speaking communities.
- Mama Cha Dao: Smart Vending Machine. Led the development of "Mama Cha Deo" a smart vending machine designed to automate and optimize beverage dispensing. This innovative system integrates IoT technology and smart sensors to ensure efficient operation, user-friendly interactions, and real-time inventory management. The project highlights my expertise in hardware design, embedded systems, and IoT integration.

## COURSES

### CORE COURSES :

- Web Programming
- Structure Programming Language (SPL)
- Object Oriented Programming (JAVA)
- Operating System
- Data Structure and Algorithm 1&2
- Database Management System
- Project Management
- System Analysis and Design
- Software Engineering
- Full Stack Web Development(Free Courses)

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- Implemented and managed a cutting-edge Drone Patrolling Project, enhancing security measures through aerial surveillance and real-time monitoring, showcasing technical proficiency and strategic planning skills.
  - Implemented an innovative Blind Stick Project, taking a leadership role in development and execution. Created a user-friendly assistive device for the visually impaired by successfully integrating sensor technologies to enhance navigation. Additionally, incorporated voice command functionality to provide seamless assistance for a blind individual.
  - Developed a web application called 'Potybeshi' a lending web application offering a comprehensive lending stuff service which help you to lend tools and stuff from nighbours.

## REFERENCES

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### **Dr. Hasan Sarwar**

Professor & Dean SoSE, UIU

email: [hsarwar@cse.uiu.ac.bd](mailto:hsarwar@cse.uiu.ac.bd)

### **Nahid Hossain**

Assistant Professor, Dept. of CSE  
& UG Program Coordinator, UIU.

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