

## PERSONAL INFORMATION



## Md Yousuf Hossan

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Sex Male | Date of birth 10/02/1996 | Nationality Bangladeshi

## WORK EXPERIENCE

February 2023 - Present

## Junior Software Engineer

OROCUBE TECH, Dhaka, Bangladesh

- Developed and maintained backend applications using Java and Spring Boot
- Designed and implemented RESTful APIs for web applications
- Worked with PostgreSQL databases, including schema design and query optimization
- Collaborated with cross-functional teams following Agile methodology
- Participated in code reviews and followed clean coding best practices

Sector of activity: Software Development

August 2022 – January 2023

## Intern Software Engineer

OROCUBE TECH, Dhaka, Bangladesh

- Assisted in developing and testing software applications
- Supported senior developers in coding, debugging, and documentation
- Gained hands-on experience with programming fundamentals and databases
- Learned version control using Git and basic software development practices

Sector of activity: Software Development

January 2016 – July 2022

## Private Tutor (Part-Time)

Dhaka, Bangladesh

- Provided home-based academic tutoring to secondary-level students (Grades 8–10)
- Taught Mathematics and Science, assisted students with exam preparation
- Supported students' learning through regular assessments and personalized guidance

Sector of activity: Private Tutoring

2017 – 2021

## Bachelor of Science (BSc) in Computer Science and Engineering

EQF 6

City University, Dhaka, Bangladesh

**Specialized Field:** Software Engineering

Final Grade: 3.01 / 4.00

- Data Structures and Algorithms
- Database Management Systems

## EDUCATION AND TRAINING

- Software Engineering
- Programming fundamentals and object-oriented design
- Problem-solving and analytical thinking
- Operating Systems
- Computer Networks

2014 - 2016

### Higher Secondary School Certificate

EQF 4

Government Bangla College, Dhaka, Bangladesh

Board of Intermediate and Secondary Education, Dhaka

Final Grade: 3.92 / 5.00

- Chemistry
- Physics
- Higher Mathematics
- ICT
- Agriculture Studies

2012 - 2014

### Secondary School Certificate

EQF 3

Mirpur Bangla High school, Dhaka, Bangladesh

Board of Intermediate and Secondary Education, Dhaka

Final Grade: 4.56 / 5.00

- Chemistry
- Physics
- Higher Mathematics
- General Mathematics
- Computer Education

## PERSONAL SKILLS

Mother tongue(s)

Bengali

Other language(s)

English

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
B2	B2	B1	B1	B2

## Communication skills

- Good written communication skills developed through university assignments, project reports, and documentation.
- Experience in public speaking through classroom presentations and group activities.

## Organisational / managerial skills

- **Time Management:** Organizing daily tasks effectively to meet sprint deadlines and project milestones.
- **Team Collaboration:** Working closely with team members in an Agile environment to achieve project goals.
- **Attention to Detail:** Writing clean, maintainable code and performing thorough testing to ensure quality.
- **Problem-Solving:** Ability to solve technical issues with simple and efficient solutions

## Job-related skills

- **Tools & Version Control:** Comfortable using Git/GitHub for version control and managing project workflows
- **Quality Assurance:** Strong focus on debugging, unit testing, and performance optimization to ensure high-quality software delivery
- **API Design:** Experienced in designing and implementing RESTful APIs with a focus on clean architecture and security
- **Database Management:** Skilled in relational database design, writing optimized queries, and managing data using PostgreSQL.

## Computer skills

- Programming languages: Java, Python (basic)
- Software development tools: Git, IDEs (IntelliJ IDEA, Eclipse)
- Good command of Microsoft Office™ tools for documentation and presentations
- Familiarity with Linux and Windows operating systems

## Other skills

- Basic graphic design skills using tools such as Canva and Adobe Photoshop for presentations and academic materials
- Hands-on experience in computer hardware assembly and operating system installation for personal and academic use

## ADDITIONAL INFORMATION

## Projects

- **Android-Based Tenant Information Management System**  
Final year academic project developed using **Java** for backend logic and **Firebase** for real-time database and authentication. The system was designed to manage tenant information, rent records, maintenance requests, and user communication, providing an organized and efficient solution for tenant information management.
- **Wireless Current Transmission System (Course Project)**  
Coursework project focused on the design and implementation of a small-scale wireless current transmission system based on electromagnetic induction. The transmitter and receiver circuits were designed and tested to demonstrate contactless power transfer over short distances, and system efficiency and power loss were evaluated.

## Competitions

- ICPC Asia Dhaka Regional Preliminary Contest – Participant
- Intra-University Coding Contest – Participant
- University Mathematics Olympiad – Participant

## Seminars &amp; Workshops

- Participated in university-level technical seminars on software development, emerging technologies, and career development in IT.

## Memberships

- City University CSE Alumni Association

## References

- Tanvir Hossain  
Graduate Research Assistant  
Georgia State University  
Email: thossain5@gsu.edu
- M. Shahriar  
Chief Technology Officer  
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