

PERSONAL INFORMATION



Md Yousuf Hossan

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

STUDIES APPLIED FOR

Master of Science (MSc) in Computer Science

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

EDUCATION AND TRAINING

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

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

2014 - 2016	Higher Secondary School Certificate Government Bangla College, Dhaka, Bangladesh Board of Intermediate and Secondary Education, Dhaka Final Grade: 3.92 / 5.00 <ul style="list-style-type: none">▪ Chemistry▪ Physics▪ Higher Mathematics▪ ICT▪ Agriculture Studies	EQF 4
2012 - 2014	Secondary School Certificate Mirpur Bangla High school, Dhaka, Bangladesh Board of Intermediate and Secondary Education, Dhaka Final Grade: 4.56 / 5.00 <ul style="list-style-type: none">▪ Chemistry▪ Physics▪ Higher Mathematics▪ General Mathematics▪ Computer Education	EQF 3

PERSONAL SKILLS

Mother tongue(s) Bengali

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	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 & 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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