

BAPPY TAWHID

Software Engineer



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Professional Summary

Results-driven Software Engineer and Web Developer with a solid foundation in designing, developing, and optimizing scalable web applications. I am passionate about building efficient, user-friendly solutions using modern technologies and best coding practices. Skilled in collaborating with cross-functional teams to deliver high-quality products on time. Continuously learning and adapting to emerging trends to stay at the forefront of technological advancement.

Skills

- Programming Language: Groovy, Java, JavaScript, Python, C, C++, C#, R
- Architectures: Monolith, Microservices, RESTful APIs, MVC
- Web Language: HTML, CSS
- Libraries and Frameworks: Grails 3x, Django, Bootstrap 5x, Jasper Studio,
- Version Control: Git, GitHub
- Database: MySQL, PostgreSQL, Oracle Database
- DevOps & Containerization: Docker
- Other Skills: DSA, OOP, ORM

Work Experience

Walton Digi-Tech Industries Limited — Dhaka, Bangladesh | Senior Software Engineer, ICT

1st July, 2025 – Current

- Created the Walton Profit Participation Fund System to automate and accelerate financial operations, incorporating company-specific policies to eliminate manual delays and improve operational efficiency
- Integrated REST APIs to validate real-time transaction data with third-party applications, ensuring seamless data flow.

Walton Digi-Tech Industries Limited — Dhaka, Bangladesh | Associate Software Engineer, ICT

1st January, 2024 – 30th June, 2025

- Developed various modules for POS system and ERP system
- Diagnosed and resolved software bugs to enhance system reliability
- Designed and generated complex financial reports using Jaspersoft Studio, enhancing data visualization and decision-making
- Developed a comprehensive software solution named Walton Digi Provident Fund System, featuring autonomous core accounting processes and integrated core banking policies for universal adaptability.

Walton Digi-Tech Industries Limited — Dhaka, Bangladesh | Intern, ICT

2nd May, 2023 – 31st December, 2023

- Acquired practical experience with Git, Jira, and Agile methodologies to improve collaborative project workflows.

- Utilized Oracle 19c databases for business data processing and optimization, enhancing operational efficiency; diagnosed and resolved software bugs to improve system reliability and generated MIS reports using Jaspersoft Studio and SQL.

Projects

- PAI PAI POS – Walton Digitech Ltd.**
 - Enterprise POS and ERP platform for retail, hire and party operations, including inventory, subscriptions, and internal requisitions, sales, purchase, accounts, report etc.
 - Technology: Spring Boot, Grails, Java, Groovy
- Walton Digi Provident Fund System – Walton Digitech Ltd.**
 - An autonomous accounting and fund management software designed to handle all core provident fund operations, integrated with core banking policies to ensure compliance, automation, and scalability for universal deployment.
 - Technology: Spring Boot, Grails, Java, Groovy
- Walton Profit Participation Fund System – Walton Digitech Ltd.**
 - A customized profit distribution system developed to automate manual financial processes and align with internal company policies, enhancing transparency and efficiency in fund allocation and reporting.
 - Technology: Spring Boot, Grails, Java, Groovy

Certifications

- Competitive Programming at HackerRank**
<https://www.hackerrank.com/bappytawhid99>
- Certified in Oracle SQL Database Specialization**
<https://www.coursera.org/account/accomplishments/certificate/AG8TXPE3NHYY>
- Certified in Version Control System utilizing Git and Github**
<https://www.coursera.org/account/accomplishments/certificate/6LSN8UE4WP4W>
- ERP Specialization Certified from Coursera**
<https://www.coursera.org/account/accomplishments/certificate/DRBAWE62BE8H>
- SQL Skill Certified at HackerRank**
<https://www.hackerrank.com/certificates/iframe/7567ec7991fb>
- Proficient in English (IELTS)**
IELTS SCORE: READING: 6, WRITING: 6, LISTENING: 6, SPEAKING: 7 (OVERALL: 6.5) (Appeared on 2021)

Education

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| <ul style="list-style-type: none"> Bachelor of Science in Computer Science and Engineering
AMERICAN INTERNATIONAL UNIVERSITY BANGLADESH, DHAKA. | <i>2020 – 2023</i> |
| <ul style="list-style-type: none"> Higher Secondary Certificate (Science)
CUMILLA GOVERNMENT COLLEGE, DHAKA, BANGLADESH | <i>2014 – 2016</i> |
| <ul style="list-style-type: none"> Secondary School Certificate (Science)
CUMILLA MODERN HIGH SCHOOL, DHAKA, BANGLADESH | <i>2012 – 2014</i> |