



# MD. TAMIM HOSSEN

## Software Engineer

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[🏡 8/74, E-Block, Mirpur12](#)

### PROFILE SUMMARY

To work as a backend software engineer designing and delivering scalable, secure, and high-performance backend systems. Leveraging strong expertise in Python-based backend development, cloud technologies, and system analysis. I aim to take ownership of complex services, collaborate across teams, and build reliable engineering solutions that support long-term business growth and technical excellence.

### WORKING EXPERIENCE

Oct 2021 – Present (4+ years)

#### Software Engineer - Transcom Limited

August 2022 - Present

##### **Key Responsibilities & Achievements**

- Designed and maintained **scalable Python backend services** for enterprise HRIS/ERP systems (modules: Attendance, Leave, PMS, OKR) and multiple business applications (**Vehicle Management, Secondary Sales, GRC-IBD, Advertisement Booking**).
- Architected and delivered RESTful APIs using **Python, Web2Py, Py4Web, and FastAPI**, integrating **MySQL, PostgreSQL, and BigQuery** for high-volume transactional and analytical data.
- Database design, query optimization, and data migrations, ensuring performance, reliability, and data integrity across systems.
- Deployed and supported production applications on **Azure App Service and GCP**, with automated reporting pipelines.
- Troubleshooted complex backend issues and **refactored legacy systems** to improve performance and long-term maintainability.

##### **Tech Stack:**

Python, Web2Py, Py4Web, FastAPI, MySQL, PostgreSQL, BigQuery, Azure, GCP, Git, Docker.

##### **Awards & Recognition**

- Technology Star Award** — Transcom Limited | July 2025

The highest technical honor at Transcom, awarded for exceptional contributions to backend system development, innovative problem-solving, and consistently delivering high-impact solutions.

- Rising Star Award** — Transcom Limited | July 2024

Recognized for rapid professional growth, strong ownership of projects, and significant contributions to enterprise applications.

- Award of Excellence** — Transcom Limited | July 2024

Honored for outstanding performance, quality delivery, and unwavering commitment to project success.

**Key Responsibilities & Achievements**

- Contributed to ERP software development using PHP, MySQL, HTML, CSS, JavaScript, and Ajax.
- Supported system analysis, database design, and feature implementation for enterprise clients.
- Developed and enhanced ERP modules to improve process efficiency, data accuracy, and system reliability.
- Collaborated with senior engineers to debug issues, optimize database queries, and maintain existing system components.

**Tech Stack:**

PHP, HTML, CSS, Bootstrap, JQuery, JavaScript, Ajax, MySQL, Git.

**SKILLS**

Programming	Backend	Frontend	Database	Cloud & DevOps
<ul style="list-style-type: none"><li>Python*</li><li>PHP</li><li>C</li><li>C++</li><li>C#</li><li>Java</li></ul>	<ul style="list-style-type: none"><li>Django*</li><li>Web2Py*</li><li>Py4Web*</li><li>FastApi</li><li>Flask</li><li>Laravel</li></ul>	<ul style="list-style-type: none"><li>HTML5*</li><li>CSS3*</li><li>Bootstrap*</li><li>JavaScript*</li><li>JQuery*</li><li>Ajax*</li></ul>	<ul style="list-style-type: none"><li>MySQL*</li><li>BigQuery*</li><li>MSSQL</li><li>PostgreSQL</li></ul>	<ul style="list-style-type: none"><li>Azure *</li><li>GCP*</li><li>GitLab*</li><li>GitHub</li><li>Docker*</li></ul>

**EDUCATIONAL QUALIFICATIONS**

- |  |                          |
|--|--------------------------|
| • <b>B.Sc. in Computer Science and Engineering</b><br>Varendra University, Rajshahi          | <b>2020</b>              |
|  | <b>CGPA: 3.98 / 4.00</b> |
| • <b>Higher Secondary Certificate (H.S.C) – Science</b><br>Agrani School & College, Rajshahi | <b>2015</b>              |
|  | <b>GPA: 4.08 / 5.00</b>  |
| • <b>Secondary School Certificate (S.S.C) – Science</b><br>Anjurhat High School, Barishal    | <b>2013</b>              |
|  | <b>GPA: 4.50 / 5.00</b>  |

**PERSONAL INFORMATION**

**Father's Name** : Md. Mosharef Hossen  
**Mother's Name** : Ifat – Ara – Ferdaus  
**Date of Birth** : 25/12/1998  
**Gender** : Male  
**Marital Status** : Married  
**Religion** : Islam

**LANGUAGE**

**English** : Intermediate  
**Bangla** : Native

**REFERENCE**

**Engr. Md. Tanvir Hossen**  
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