



MD. TAMIM HOSSEN

Backend Software Engineer (Python)

4+ Years Experience | ERP & Business Application

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Github: github.com/tamim112

PROFILE SUMMARY

Backend Software Engineer with 4+ years of experience building and maintaining scalable Python-based backend systems for enterprise HRIS and ERP platforms. Strong expertise in Django, web2py, RESTful APIs, SQL databases, and cloud deployment on Azure and GCP. Proven track record of owning critical modules end-to-end and delivering high-impact business solutions.

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, 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">Python*CC++	<ul style="list-style-type: none">Django*Web2Py*Py4Web*FastApiFlask	<ul style="list-style-type: none">HTML5*CSS3*Bootstrap*JavaScript*JQuery*Ajax*	<ul style="list-style-type: none">MySQL*BigQuery*MSSQLPostgreSQL	<ul style="list-style-type: none">Azure *GCP*GitLab*GitHubDocker*

EDUCATIONAL QUALIFICATIONS

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

PERSONAL INFORMATION

Address	: 8/74 E Block, Mirpur 12
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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