TANIM.DEV

DEVELOPER PROFILE

Omor Al Tanim is a software engineer in Dhaka, Bangladesh building LLM agents that take real action inside the software a business already runs on, plus the ERP systems, backends and integrations that keep them reliable in production.

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Omor Al Tanim Software Engineer (M2) · Altersense Dhaka, Bangladesh

About

Omor Al Tanim



Software engineer at Altersense, based in Dhaka and open to remote work. I integrate LLM agents into ERP systems, so AI can take real action inside the software a business already runs on, and I build the backend and integrations that keep it reliable in production.

At **Wafi Solutions** I built multi-agent customer support platforms and connected LangGraph agents to ERPNext workflows. Across **8 delivered projects** in ecommerce, hospitality, real estate and SaaS, I've owned the full cycle, from requirements to deployment on AWS and GCP, and led reviews and onboarding for teammates.

I hold a **BSc in Computer Science and Engineering** from Ahsanullah University of Science and Technology and have published **two IEEE papers** on machine learning for stock price prediction.

Available for full-time roles, freelance and consulting.

2	8+	4	2
Years building software	Projects shipped	Companies	IEEE publications







What I Build

Production systems, not prototypes: agents, business software and the backend that ties them together.

AI Agent Development

Building intelligent multi-agent systems for automation, customer support, and complex workflow orchestration using LangChain, LangGraph, and Semantic Kernel.

`LangChain · LangGraph · FastAPI`

Full-Stack Web Development

End-to-end web application development using modern frameworks like Next.js, Strapi, and Frappe for scalable, production-ready solutions.

`Next.js · Strapi · TypeScript`

ERP & HRMS Solutions

Custom enterprise resource planning and human resource management systems built on Frappe and ERPNext with tailored workflows and integrations.

`Frappe · ERPNext · Python`

Automation & Bots

Intelligent process automation with RPA tools, N8N workflows, and custom bots that eliminate repetitive manual tasks across your business stack.

`N8N · RPA · Python`

LLM agents · LangGraph & Semantic Kernel

RAG & tool calling

ERPNext & Frappe customisation

FastAPI, Django & Next.js

Technologies

I work with

The stack behind the projects in this profile.

AI & ML

LangChain · LangGraph · LlamaIndex · LlamaAgents · Semantic Kernel · TensorFlow · Keras · PyTorch · YOLO · DeepSORT · OpenCV

Backend

FastAPI · Django · Node.js · ASP.NET · Strapi · Frappe · ERPNext · WebSockets

Frontend

React · Next.js · Angular · Vue · Jinja2

Languages

Python (NumPy, SciPy, Pandas, Matplotlib, Seaborn) · TypeScript · C# · C++

Database

PostgreSQL · MongoDB · MySQL · MariaDB · Qdrant

Cloud

AWS · GCP · Azure OpenAI

Tools

Jira · Claude Code · Codex · GitHub Copilot · N8N

DevOps

CI/CD · Jenkins · Docker · Kubernetes · Git · GitHub Actions



Agents that do
real work, inside real businesses

Selected Projects

Systems delivered for companies in ecommerce, HR, manufacturing, hospitality and real estate.

AI AGENTS · 2025–2026

Wafilife

Multi-Agent AI Customer Support

AI support layer that resolves ecommerce queries end-to-end through multi-agent orchestration.

Semantic Kernel · ASP.NET · N8N · React

HR MANAGEMENT · 2025–2026

Nifty HRMS

Cloud-Based HRMS

HR platform covering the full employee lifecycle, from hire through attendance to payroll.

Frappe · ERPNext · Frappe HR · Python

ERP · 2025–2026

Haramain Store

Multi-Channel Ecommerce Automation

ERP migration automating back-office operations for a multi-channel ecommerce business.

Frappe · ERPNext · Python · E-Commerce

MANUFACTURING ERP · 2025–2026

Mim & Manami

Merchandising, Costing & Procurement

Garments ERP module running costing, budgeting and multi-level procurement approvals.

Frappe · ERPNext · Python · Manufacturing

WEB & ERP INTEGRATION · 2025–2026

Ntouch.ai

Hotel Management SaaS Website

Public site for a hotel management SaaS, wired to ERPNext for automated lead capture.

Next.js · Strapi · ERPNext · PostgreSQL

CRM · 2025–2026

Regent CRM

Real Estate CRM & ERP

Real estate CRM and the company-wide move off spreadsheets onto ERPNext.

Frappe CRM · ERPNext · Python · Real Estate

ERP · 2025–2026

Wafi Office

Company ERP System

Internal company ERP, with mobile-backed attendance and work-hour tracking.

Frappe · ERPNext · Python · REST API

ERP / CMS · 2025–2026

Aillio

Ecommerce Platform with Headless CMS

Headless CMS and storefront kept in sync with ERPNext product data in real time.

Strapi · React · ERPNext · E-Commerce

BACKEND / API · 2024

Quicket

Event Ticketing Site

Ticketing platform with merchandise add-ons and QR-based ticket fulfilment.

Django · jQuery · Webpack · Celery

PERSONAL PROJECT · 2025

Pulzer

Distribution ERP System

Distribution ERP handling orders, multi-warehouse stock, delivery routing and invoicing.

Django · Celery · PostgreSQL · ReportLab

Case studies for each project: tanim.is-a.dev/projects

My Journey

From a trainee building ERP for 70,000+ retail stores to shipping AI agents in production.

Jun 2024 – Aug 2024

Trainee Software Engineer
Coresoft · Khilgaon, Dhaka

Built a custom ERP with Django and PostgreSQL, onboarding 70,000+ retail stores.

Sep 2024 – Dec 2024

Software Engineer
CareerHikeBD · Dhaka

Built a tuition media platform connecting students with tutors on Django REST Framework and React.

Jan 2025 – Jun 2025

Junior Software Engineer
Wafi Solutions · Mohakhali DOHS, Dhaka

Delivered FastAPI and Vue.js launches ERP MVP named Waficommerce.

Jul 2025 – Dec 2025

Software Engineer I
Wafi Solutions · Mohakhali DOHS, Dhaka

Delivered Semantic Kernel + N8N automations and Strapi/Next.js launches for AI products.

Jan 2026 – Jul 2026

Software Engineer II
Wafi Solutions · Mohakhali DOHS, Dhaka

Leading LangChain/LangGraph agents tied to ERPNext/Frappe workflows and AI services.

Aug 2026 – Present

Software Engineer (M2)
Altersense · Niketon, Dhaka

Building AI-driven agent systems and full-stack platform features.



Bachelor of Science in Computer Science and Engineering
Ahsanullah University of Science and Technology · 2019 – 2023

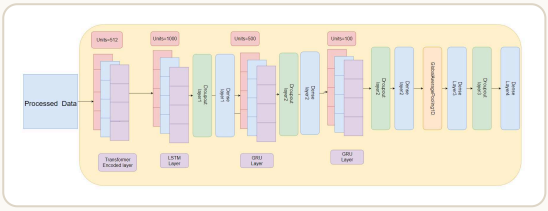
Research &
Publications

Peer-reviewed work on forecasting prices on the Dhaka Stock Exchange.

IEEE CCWC 2023 · 2023

A Multi-modal Deep Learning Approach for Predicting Dhaka Stock Exchange

- Lowest RMSE on all 11 stocks tested, against a stacked Transformer, GRU and LSTM on their own
- Mean RMSE of 0.020, compared with 0.029 for the Transformer, 0.046 for GRU and 0.066 for LSTM
- Gold, silver, oil and USD prices plus RSI, MACD, VWAP, Supertrend and AROON as extra inputs

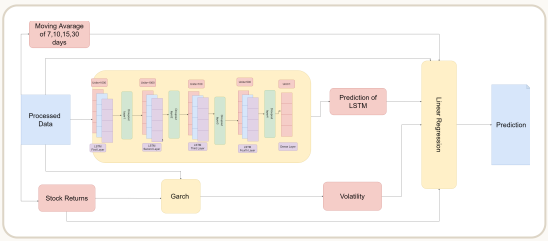


DOI 10.1109/CCWC57344.2023.10099255 · tanim.is-a.dev/publications/a-multi-modal-deep-learning-…

IEEE IEMCON 2022 · SEPTEMBER 2022

A Hybrid Method based on Machine Learning to Predict the Stock Prices in Bangladesh

- Lowest RMSE on 10 of 11 stocks, against linear regression and a stacked LSTM on their own
- Mean RMSE of 0.49, compared with 0.95 for linear regression and 4.34 for the stacked LSTM
- GARCH order (9,13) picked by the lowest AIC across every (p, q) pair from 1 to 15



DOI 10.1109/IEMCON56893.2022.9946610 · tanim.is-a.dev/publications/a-hybrid-method-based-on-mac…

Read the write-ups

RESEARCH · 9 MIN READ

DeepDse: Predicting the Dhaka Stock Exchange with Transformers, LSTMs and GRUs

How we combined a Transformer encoder with LSTM and GRU layers, added gold, oil and USD prices as inputs, and got the lowest error on all 11 DSE stocks we tested.

RESEARCH · 8 MIN READ

LSTM + GARCH + Regression: A Hybrid Model for Bangladesh's Stock Market

Why we split stock prediction across three models (a stacked LSTM for price, GARCH for volatility, and a linear regression to combine them) and how that roughly halved the error.

Why work
with me

- **Production agents**
  Multi-agent support platforms on Semantic Kernel, GPT and Gemini that search catalogs, check orders, read images and hand off to a human when they should.
- **Grounded in business data**
  RAG pipelines and tool calling that keep answers tied to live inventory, policies and records instead of whatever the model guesses.
- **Automation inside the workflow**
  LangGraph agents and n8n flows plugged into ERPNext and Frappe, so leads, HR and inventory tasks move without copy-pasting between tabs.
- **The backend underneath**
  FastAPI and Django services, integrations and deployments on AWS, GCP and Docker, owned from requirements through post-launch support.



AI agents with LangChain & LangGraph



ERP & HRMS on Frappe & ERPNext



Published at IEEE IEMCON & CCWC



Open to freelance & consulting

2 Years building software

8+ Projects shipped

4 Companies

2 IEEE publications

Let's talk about

your next project

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linkedin.com/in/tanimomor

github.com/tanimomor

tanim.is-a.dev

Book a call on Calendly

Dhaka, Bangladesh · open to remote work



Scan to see projects, research and writing

Hiring, or building something that needs AI to work in production? I usually reply within 24 hours.

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