

Omor Al Tanim

Mohakhali DOHS, Dhaka, Bangladesh

Portfolio

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GitHub

LinkedIn

SUMMARY

Software Engineer with 2 years of experience building ERP systems on Frappe, delivering 8 projects, providing ERP consultancy, collaborating directly with local and international clients, and integrating services such as CMS platforms and AI agents.

TECHNICAL SKILLS AND INTERESTS

Languages: Python, JavaScript, C#, Java, C/C++, HTML, CSS

Frameworks/Libraries: Frappe, ERPNext, Django, FastAPI, Next.js, React, Vue.js, Node.js, Express, ASP.NET, Strapi, Semantic Kernel, N8N, Tailwind CSS

Data Management: PostgreSQL, MySQL, MongoDB, SQL Server

DevOps/Cloud: AWS, GCP, Docker, CI/CD Pipelines, Linux Server Deployment, Virtual Machines (VM)

Tools: Git, GitHub, Postman, Figma, Cursor, Claude AI, Codex

Areas of Interest: Full Stack Development, AI/ML, Self-improvement, Fitness, Sports, Traveling.

Soft Skills: Problem Solving, Self-learning, Team Collaboration, Agile Development, Adaptability

EXPERIENCE

• Software Engineer

Jan 2025 - Present

Full-time Position

Wafi Solutions

- Built and delivered ERP solutions on ERPNext and Frappe for multiple local and international clients, covering HR, payroll, attendance, CRM, accounting, production, stock, and logistics workflows end-to-end.
- Engineered a multi-agent AI customer support platform using Semantic Kernel, GPT, and N8N, and developed client-facing web products integrating Next.js, Strapi, React, and ERPNext for lead management and content delivery.
- Handled full client delivery cycles including requirements gathering, custom Frappe development, third-party integrations, and post-deployment support across ecommerce, real estate, and SaaS clients.

• Software Engineer

Sep 2024 - Dec 2024

Full-time Position

CareerHikeBD

- Developed a tuition media platform connecting students with tutors, combining content delivery with booking and communication tools, powered by a responsive React.js frontend and Django REST Framework backend with secure authentication and tutor listings.
- Integrated real-time class scheduling, messaging, and media uploads while optimizing performance and UI/UX for future scale.

• Trainee Software Engineer

June 2024 - Aug 2024

Internship Position

Coresoft

- Built a custom ERP platform from the ground up with Django, PostgreSQL, and Bootstrap, onboarding 70,000+ retail stores via store-management and product catalog modules, with optimized data-processing workflows for fast query performance.
- Designed an inventory management system for product exchange between partner organizations and a route-assignment system allocating non-overlapping territories to the field sales team, with Leaflet.js for real-time rep tracking.

PROFESSIONAL PROJECTS

• Mim & Manami | Merchandising & Costing Workflow for Garments ERP | ERPNext, Frappe Framework

Merchandising module built inside the Manufacturing (Production) app to manage costing, budgeting, and procurement for a garments manufacturer.

- Optimized the end to end merchandising workflow, from Pre Costing and File Wise Costing Summary through GMT Costing, GMT Budget, Booking, Material Requisition, and Purchase Order, refining the pipeline through multiple rounds of stakeholder feedback.
- Technology Used: ERPNext, Frappe Framework. [Link](#)

- **Haramain Store | Multi-Channel Ecommerce Automation | ERPNext, Frappe Framework**
Popular multi-channel ecommerce platform fully migrated to ERPNext to automate end-to-end back-office operations.
 - Automated Sales, Purchase, Stock, CRM, Telemarketing, HR, Accounting, and Creative operations, including KPI dashboards, a multi-supplier purchase system, duplicate-order and courier sync, stock management, biometric attendance, and payroll.
 - Technology Used: ERPNext, Frappe Framework. [Link](#)
- **Nifty HRMS | Cloud-Based HRMS | Frappe, ERPNext, Frappe HR**
End-to-end HR platform covering the full employee lifecycle from hire to payroll.
 - Built the full HR platform from scratch, covering employee lifecycle, leave, geolocation attendance, payroll with tax slabs and automated salary slips, multi-level expense approvals, performance appraisals, recruitment pipeline, and role-based dashboards.
 - Technology Used: Frappe, ERPNext, Frappe HR. [Link](#)
- **Wafi Office | Company ERP System | Frappe, ERPNext**
Internal ERP solution managing company-wide operations and HR processes.
 - Built an attendance management module integrated with the mobile app, covering attendance tracking, break management, backlog handling, daily work-hour calculation, and irregularity reason logging.
 - Technology Used: Frappe Framework, ERPNext. [Link](#)
- **Wafilife | Customer Support Bot For Ecommerce | Semantic Kernel, React, N8N, Express.js**
AI customer-support layer that resolves ecommerce queries end-to-end through multi-agent orchestration.
 - Built an AI support bot with Gemini image-based scraping and GPT multi-agent orchestration via Semantic Kernel and N8N, plus a full-stack React and Express.js chat interface for real-time customer-agent communication.
 - Technology Used: Semantic Kernel, React, N8N, Express.js, ASP.Net. [Link](#)
- **Ntouch.ai | Public Website For Hotel Management System | Next.js, Strapi, ERPNext, PostgreSQL**
Content-driven public site for a hotel management SaaS with ERPNext integration for lead management.
 - Set up ERPNext synchronized with a Next.js public website to automate lead capture and the lead-to-deal workflow, with Strapi CMS and PostgreSQL for content management.
 - Technology Used: Next.js, Strapi, PostgreSQL, ERPNext. [Link](#)
- **Aillio | Ecommerce Platform with Headless CMS | ERPNext, Strapi, React**
Strapi-based headless CMS with a React frontend and ERPNext integration for product synchronization.
 - Built the Strapi CMS and React frontend with the Taiwan frontend team, implementing real-time product synchronization between Strapi and ERPNext for data consistency.
 - Technology Used: Strapi, React, ERPNext. [Link](#)
- **Regent CRM | Real Estate CRM & ERP Implementation | Frappe CRM, ERPNext**
Built a complete CRM and migrated company-wide operations from spreadsheets to ERPNext for a real estate firm.
 - Developed a full CRM system with Frappe CRM tailored to real estate operations and led the migration of company operations from spreadsheets to ERPNext, automating key processes across departments.
 - Technology Used: Frappe CRM, ERPNext. [Link](#)
- **Quicket | Event Ticketing Site | Django, JQuery, Webpack, Celery, NginX**
Event ticketing platform with merchandise add-ons and QR-based ticket fulfillment.
 - Designed distinct stock and product models for event add-ons and embedded QR code generation in tickets, improving purchase experience and merchandise collection efficiency.
 - Technology Used: Django, JQuery, Webpack, Celery, NginX. [Link](#)

PERSONAL PROJECTS

- **Pulzer | Distribution ERP System | Django, ERPNext**
Comprehensive distribution ERP for retail and house operations, covering order management, inventory, routing, and invoicing.
 - Built a full order management system with complete lifecycle handling, PDF invoicing with embedded QR codes, multi-warehouse SKU/stock tracking, territory and route management with route-outlet mapping, SMS and email notifications, Celery background processing, and REST APIs for external integrations.
 - Technology Used: Django, Celery, ReportLab, Webpack, PostgreSQL. [GitHub](#)

EDUCATION

- **Bachelor of Science in Computer Science and Engineering** 2019-2023
Ahsanullah University of Science & Technology

PUBLICATIONS

- **A Multi-modal Deep Learning Approach for Predicting Dhaka Stock Exchange** 2023
IEEE 13th Annual Computing and Communication Workshop and Conference (CCWC 2023)
–  [Link](#)
- **A Hybrid Method based on Machine Learning to Predict the Stock Prices in Bangladesh** 2022
IEEE 13th International Conference on Information, Electronics and Communication (IEMCON 2022)
–  [Link](#)