MARUF NABIL

JUNIOR SOFTWARE ENGINEER

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OBJECTIVE

Junior Software Engineer with hands-on experience building full-stack web applications using ASP.NET Core and Angular. Currently building an internal Employee Management System at Polock Group, working across backend architecture (Clean Architecture, CQRS), relational data modeling, and Angular front-ends. Comfortable owning a feature end-to-end — from API design and database schema to a responsive, tested UI — and looking to keep growing as a full-stack engineer on a product team.

EXPERIENCE

Junior Software Engineer Intern — Polock Group

June 2026 – Present

- Building full-stack internal web applications using ASP.NET Core (.NET 8) with Clean Architecture on the backend and Angular on the frontend.
- Working across the stack: API design, EF Core data modeling on SQL Server, and Angular UI implementation for internal business tools.
- Collaborating with the team using Git/GitHub for version control and Postman/Swagger for API verification during development.

SKILLS

Languages: C#, TypeScript, JavaScript (ES6+), SQL, HTML5, CSS3

Backend: ASP.NET Core (.NET 8), Clean Architecture, CQRS, MediatR, FluentValidation, RESTful APIs

Frontend: Angular 22 (standalone components, signals), Bootstrap 5, ng-bootstrap, RxJS

Databases & ORM: SQL Server, PostgreSQL, Entity Framework Core, Dapper

Auth & Security: JWT Authentication, ASP.NET Identity

API Testing & Docs: Swagger / Swashbuckle, Postman

Version Control: Git, GitHub, GitHub Desktop

Tools & DevOps: Visual Studio, VS Code, Docker

PROJECTS

Employee Management System (EMS) — *Internal tool, Polock Group — in progress*

A full-stack internal system for managing employees, clients, projects, purchases, and a multi-step requisition approval workflow, built from the ground up on Clean Architecture principles.

- Backend built with ASP.NET Core 8 using Clean Architecture, CQRS via MediatR, and FluentValidation for request validation, backed by Entity Framework Core on SQL Server.
- Designed a full requisition lifecycle — draft, submit, admin review/edit, approve/reject, withdraw, and revise — with a complete audit history and threaded comments per request.
- Implemented role-based access with project-level data scoping, so employees only see data for projects they are assigned to while admins retain full visibility.
- Built purchase and vendor-ledger tracking with outstanding balance calculations, plus client, project, item/category, and employee management modules.
- Added file attachment uploads on requisitions, in-app notifications, and email-based password reset via SMTP.
- Built the Angular 22 frontend with standalone components and signals, a shared design-token SCSS system, and Bootstrap/ng-bootstrap UI components.
- Implemented requisition, purchase, and ledger reports for tracking spending and approvals across projects.
- Documented and verified all endpoints with Swagger, and wrote Playwright end-to-end tests covering login, requisition workflows, and role-based access.

Artisan — 3D/5D Painting E-commerce Platform — *Personal project*

A phased e-commerce build for a 3D/5D painting business, covering the full customer journey from browsing to checkout.

- Built on ASP.NET Core with Clean Architecture and CQRS via MediatR, with domain entities and EF Core/Identity set up from scratch.
- Implemented product, category, cart, order, wishlist, and review modules, each following the same CQRS command/query structure.
- Added JWT-based authentication for secure user login and session handling.
- Built the storefront in Angular 22 with Bootstrap, backed by PostgreSQL, working through the build in planned phases against a project roadmap.

Aivorix — AI Benchmark & Comparison Platform — *Personal project*

A content-driven website that compares leading AI assistants (ChatGPT, Claude, Gemini, Grok, and others) across independent benchmarks, with visible sources and methodology notes rather than a single unified ranking.

- Built task-specific comparison views (overall intelligence, deep research, tool use, coding agents) instead of one blended score, each citing its benchmark source.
- Implemented a browsable AI tool directory, comparison-builder pages, and a regularly updated AI news section.
- Structured pages for SEO with per-page metadata (Open Graph, Twitter cards, canonical URLs) and a clean, content-first layout.
- Built on ASP.NET Core with an Angular 22 frontend, backed by PostgreSQL.

Live: https://aivorix.netlify.app/

ShebaPath — Bangladesh Government Service Guides — *Personal project*

An independent guide site that explains common Bangladeshi government services in plain language, aimed at people who find official procedures confusing.

- Built step-by-step guides for services such as driving licences, passports, National ID, birth certificates, and trade licences.
- Built on ASP.NET Core with an Angular 22 frontend and PostgreSQL, with a clean, mobile-friendly layout and clear per-service navigation.

Live: https://shebapath.vercel.app/bd-services/

OTHER PROJECTS

Frontend projects — HTML, CSS, JavaScript, Bootstrap

- **Online Character Counter** — online-character-counterr.netlify.app
- **Wanderlust — Travel Landing Page** — nabil-engr.github.io/Travel-Landing-Page
- **PDF to Word Converter** — nabil-engr.github.io/pdf2word-converter
- **SellerOps** — sellerops-web.vercel.app

EDUCATION

B.Sc. in Computer Science and Engineering

Bangladesh University of Business and Technology (BUBT) | 2022 – 2026