VITALII BASANETS

FULL-STACK .NET & ANGULAR DEVELOPER

+380-67-982-5460

w.basanets2301@gmail.com

Vinnytsia

https://t.me/vitalik_basanets

PROFILE

Full-Stack Developer with 6 years of experience building web and cross-platform applications with Angular and .NET (ASP.NET Core, Blazor, MAUI). I've worked across the full product lifecycle, often as the sole developer, from architecture and database design to deployment on Azure and Docker.

My experience includes multi-tenant SaaS with Stripe subscriptions and Hangfire-based workflow automation, WCAG accessibility for a large B2C airline booking platform, and performance work such as cutting a 45-second analytics query down to 2 seconds with Dapper and raw SQL.

I also use AI-assisted development to ship products fast: I've built and launched several SaaS products with paying customers, owning the architecture, PostgreSQL data model, integrations and public API.

WORK EXPERIENCE

AK Technologies (Apr 2025 - Oct 2026)

AI-Assisted Product Development (React, TypeScript, Supabase / PostgreSQL)

Built three SaaS products from scratch with paying customers

- Designed and launched three production SaaS products: a CRM for service businesses, a CRM for real estate sales and rental companies, and a platform for configuring AI voice agents with built-in CRM features.
- Owned architecture, database design and business logic, using AI-assisted development to deliver a product in about one month compared to roughly eight months for similar scope built manually.
- Designed a custom job queue on PostgreSQL tables and cron jobs to handle complex business logic that off-the-shelf queue solutions couldn't support.
- Built a workflow automation engine with multiple trigger types and multi-channel campaigns across email, SMS and phone calls.
- Integrated third-party services including Twilio, Resend, Pipedrive, Shopify, Google/Outlook Calendar, CINC and GoHighLevel.

EDUCATION

2018 - 2022
NATIONAL AEROSPACE UNIVERSITY
- Bachelor's degree in Software Engineering

2022 - 2024
NATIONAL AEROSPACE UNIVERSITY
- Master's degree in Software Engineering

SKILLS

- **Backend:** C#, .NET / .NET Core, ASP.NET Core, ASP.NET MVC, Entity Framework, Dapper, SignalR, Hangfire
- **Frontend:** Angular, TypeScript, Redux, Blazor, React, HTML/CSS
- **Mobile:** .NET MAUI Blazor Hybrid
- **Databases:** MS SQL, PostgreSQL, Supabase
- **Cloud & DevOps:** Azure (App Service, Functions, Storage), Docker, GitHub Actions, Cloudflare, DigitalOcean
- **Integrations:** Stripe, Twilio, OpenAI API, Mapbox, Google Calendar
- **Testing:** NUnit, Jasmine
- **Accessibility:** WCAG, NVDA
- **AI tools:** Claude, Lovable, Google AI Studio
- **Tools:** Git

LANGUAGES

- English
- Ukrainian

- Built and launched production applications used by thousands of users.
- Designed and exposed a public API allowing external services to integrate with the platform.
- Built an AI-powered landing page builder that lets each tenant generate and edit their own website, with every site hosted on its own subdomain through Cloudflare.

CRM for service businesses (Angular, .NET, Stripe, Hangfire)

Multi-tenant CRM platform for service-based businesses

- Developed the product as the sole full-stack developer, covering frontend, backend and integrations.
- Integrated Stripe for payments, recurring subscriptions and one-time purchases of add-on features, including webhook handling.
- Built a workflow automation engine on Hangfire that fires triggers at the right time and reschedules them to each tenant's business hours.
- Integrated Twilio for client communication and Google Calendar for scheduling synchronization.
- Implemented real-time notifications and live table updates using SignalR.
- Optimized a heavy Entity Framework query by removing unnecessary includes and over-fetched data, reducing load time from over a minute to a few seconds.

Managed Code (Aug 2022 - Apr 2025)

Mobile Social Networking Application (.NET MAUI Blazor Hybrid, Mapbox)

- Worked as a full-stack developer in a 3-person team (2 full-stack, 1 backend).
- Integrated Mapbox to display interest groups on an interactive map with custom markers and popups.
- Fixed popup positioning by recalculating screen coordinates on map movement, keeping tooltips anchored to their markers while panning and zooming.
- Developed the group creation flow, including location selection on the map.
- Covered business logic with unit tests using NUnit.

AI Calculator (Blazor Server, .NET, OpenAI API)

- Developed the project as the sole full-stack developer, from UI to backend.
- Built the entire UI in Blazor Server according to the provided design.
- Implemented a service integrating the OpenAI API to read and process uploaded documents of arbitrary structure.
- Developed logic to normalize extracted data, store it in a structured format and calculate service prices based on it.

SOCIAL NETWORKS

- LinkedIn
- Upwork
- GitHub

EXAMPLES

- Blazor Component Library
- Eazy Shop
- Karamel Lab
- Farm Application
- Clientix.Space
- Exam Flow
- Modo App

- Built an admin panel with role-based access (Admin and User).
- Implemented real-time updates of processing and calculation results via SignalR.

Flight Ticket Booking System (Angular, .NET Framework, Umbraco)
B2C platform for booking airline tickets

- Worked in a dedicated accessibility team within a multi-team project.
- Made the entire customer-facing website accessible according to WCAG, with a focus on the end-to-end booking flow.
- Refactored existing Angular components and developed new ones with accessibility built in.
- Built custom Angular directives to manage focus order and keyboard navigation on pages where component layout was controlled through Umbraco CMS.
- Tested accessibility with the NVDA screen reader to ensure the booking flow was fully usable without a mouse or screen.
- Introduced Redux into the project to enable communication between multiple forms from different modules on a single page.
- Covered components and business logic with unit tests using Jasmine.

Anuitex (Oct 2020 - Jul 2022)

NDA Project (.NET Core, Azure)
Large-scale enterprise project with multiple development teams

- Worked as a backend developer within one of several cross-functional teams.
- Developed Azure Functions with HTTP and Queue triggers for API endpoints and asynchronous message processing.
- Implemented CRUD operations and business logic on .NET Core.

House and apartment booking system (ASP.NET MVC, .NET Framework, Azure)
Online rental booking platform for houses and apartments, similar to Booking.com

- Worked as the sole full-stack developer alongside a project manager, owning feature delivery end to end.
- Developed new features for the admin panel and redesigned legacy pages to improve usability.
- Integrated Google Calendar and built an internal booking calendar to keep availability in sync.
- Implemented booking confirmation notifications via SMS and email.

- Optimized slow analytics queries by replacing Entity Framework with Dapper and raw SQL for heavy data sets, reducing load time from ~45 seconds to ~2 seconds.
- Managed Azure App Service deployment slots (production and blue standby), switching traffic during incidents to minimize downtime.

Construction project (Angular, .NET)
Document management and cost estimation platform for a construction company

- Developed modules for tracking construction documents and calculating house construction costs.
- Built a custom spreadsheet-like table component that replicated Excel behavior, including cell navigation, Tab/arrow key handling and inline editing.
- Solved complex keyboard and focus event handling by implementing a global event listener with custom Angular directives to filter and route events to the right cells.
- Started as an Angular developer and later took on backend tasks, implementing API endpoints for the accounting and calculation modules.
- Worked in a 2-person team, taking part in the full development cycle from requirements to delivery.

Side Projects

Blazor Component Library (Blazor, .NET, NuGet)
Reusable UI component library for Blazor and .NET MAUI Blazor Hybrid apps, published as a NuGet package

- Designed and developed a library of reusable components, including a data table, dropdown, popup and calendar.
- Implemented custom event handlers where built-in Blazor events didn't cover required behavior or didn't return data in the needed format.
- Published the library on NuGet with support for both web (Blazor) and mobile/desktop (MAUI) projects.
- Integrated Fondy payments for subscription.

Eazy Shop / Karamel Lab (React, Supabase, Lovable)
Reusable e-commerce template, used to launch the live Karamel Lab online store

- Built a reusable online store template with product catalog, cart, checkout and admin panel, then launched Karamel Lab as a live store based on it.
- Integrated Monobank for online payments and Nova Poshta for shipping, plus a built-in accounting module for tracking sales.
- Validated the product with real customers and orders, using their feedback to decide which features were actually needed and refine the store.

Farm Application (.NET MAUI Blazor Hybrid, .NET)
Mobile and desktop app for farmers to manage fields and track completed field work

- Built an interactive map displaying the user's fields with their cadastral numbers.
- Developed CRUD functionality for managing fields and logging field work.
- Delivered a cross-platform app for mobile and desktop from a single .NET MAUI Blazor Hybrid codebase.

Clientix.Space (Angular, .NET)
CRM for beauty businesses: salons, masters and studios

- Built a CRM with a built-in appointment calendar, staff management and role-based access for employees.
- Developed a public client registration page with customizable styling and content for each business.
- Created a Telegram bot and implemented email and Telegram notifications for businesses and their clients.