

Aleksander Borzym

Full-Stack Web & Business Applications Developer

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PROFILE

Full-stack developer specializing in CRM systems and custom business applications. I take a business problem from data model to deployed, tested software: secure backends, clean interfaces and documentation your team can build on. Two flagship projects built independently, end to end — including a live business website with a private administration area.

SPECIALIZATIONS

CRM Systems

Custom Web Applications

Backend Development

Business Automation

E-commerce

API Integration

SELECTED PROJECTS

BusinessFlow CRM

COMPLETED

Python · Flask · SQLite · JavaScript — independent project, end to end

- Complete CRM for small sales teams: customers, sales opportunities and tasks in one relational SQLite database with proper constraints and indexes.
- Role-based access control (admin / manager / sales) enforced server-side on every route — not only in the interface.
- Session authentication with secure password hashing; full CRUD with server-side validation on every input.
- Automated test suite (pytest) covering authentication, authorization and data integrity.

Czysta Przestrzeń

LIVE

HTML/CSS · JavaScript · Backend · Netlify — business website, Warsaw office cleaning

- Responsive marketing site for a Warsaw office-cleaning company: desktop, tablet and mobile.
- Interactive quote-request form with client-side and server-side validation.
- Private administration area for managing incoming inquiries and site content.
- Deployed on Netlify with a live domain and working form handling.

SOFTWARE SOLUTIONS & PRODUCT DEVELOPMENT

Business-oriented software development and solution design covering CRM systems, e-commerce, analytics, automotive platforms and knowledge management.

Selected implementations: BusinessFlow CRM — customer management, sales pipelines, task tracking, authentication and automated testing. Czysa Przestrzeń — responsive business website with inquiry management and custom administration.

Additional product concepts: Veltora Automotive (vehicle configurator and booking), NovaCommerce (e-commerce and order management), FlowMetrics (business intelligence and reporting), KnowledgePilot (knowledge management and search).

Product concepts are at the design stage — they are not completed client engagements.

TECHNICAL SKILLS

LANGUAGES	Python · JavaScript · HTML · CSS · SQL
BACKEND	Flask · REST-style APIs · sessions · server-side validation · transactions · migrations
DATA	SQLite · relational modeling · indexing · full-text search
FRONTEND	responsive design · semantic HTML · accessibility (WCAG 2.2 AA target) · CSS design systems
PRACTICE	automated testing (pytest) · OWASP security basics · documentation · deployment (Netlify)

WORKING PRINCIPLES

- **Working first.** A feature is done when it runs, validates and is tested — not when it looks right.
- **Honest scope.** Clear cost, timeline and limits before we start.
- **Security by default.** Validation, authorization and safe configuration are part of the build, not an add-on.
- **Yours to keep.** Documented code and a real handover — no lock-in.

References and detailed project documentation available on request.