

# IVETTA DASHKOVA

Front End / Full Stack Developer – React, Next.js, TypeScript, Node.js, NestJS

+380 73 188 5414 +48 731 308 213 ivettadashkovafsd@gmail.com

linkedin.com/in/ivettadashkova github.com/IvettaDashkova



## EXPERIENCE

### Front End Developer

#### OrbitMI

05/2025 - Present USA (remote)

Global SaaS platform for maritime fleet operations, vessel reporting, and port management used by ship operators worldwide; primary frontend developer for vessel reporting.

- Architected and maintain an offline-first React reporting app generating regulatory vessel reports from JSON schemas with conditional fields, calculations, and client-side validation.
- Built maritime UI components: bunkering and fuel-consumption tables, ROB tracking, UTC widgets, port autocomplete, multi-file evidence uploads; persisted reports to IndexedDB.
- Delivered fleet consumption and budget analytics, multi-tenant report customizations, centralized calculated-fields, Excel/PDF export, and SignalR real-time updates.
- Developed interactive Mapbox/OpenLayers maps with Turf.js and Highcharts dashboards for fleet visibility, port congestion, and energy management.
- Shipped port-operations module: map-based port details, polymorphic search, and port line-up grid using Tailwind, Apollo GraphQL, Zustand, Module Federation.
- Extended Flutter form renderer with repeatable sections, offline submission, coordinate/date-time fields, YAML i18n, delivered via AI-assisted agent orchestration.
- Maintained code quality with TypeScript, ESLint/Prettier, Playwright E2E tests, Vite/Webpack pipelines, and AI-assisted code reviews.

### Front End Developer

#### C4ADS

05/2024 - 05/2025 USA (remote)

Enterprise data-intelligence & geospatial-intelligence platform. Owned frontend features from API integration through UI/UX and testing

- Data-intelligence application (React + Vite + MUI, React Query, Auth0): built reusable search infrastructure, dataset publishing & access-control dialogs, and multi-format result previews (PDF / DOCX / JSON)
- Maritime-intelligence mapping UI: developed Deck.gl map layers and AntV G6 vessel network-graph analysis (draggable nodes, association filtering, red-flag handling) for tracking maritime activity on a React + Mapbox stack
- Testing & quality: authored extensive unit and component test suites with Vitest, Testing Library and Storybook + MSW, raising coverage across complex component hierarchies
- Internationalisation: led the i18n (i18next) rollout across 10+ feature areas, including Cyrillic transliteration support

### Mentor – Fullstack Course

#### GoIT

01/2022 - 05/2024 Ukraine

- Authored technical specifications and project briefs for Fullstack students (HTML+CSS, JavaScript, React, React+Node.js), defining scope, requirements and acceptance criteria

## SUMMARY

Frontend-focused full-stack developer with 6+ years of experience building production web applications in React, Next.js and TypeScript, with deep domain expertise in maritime & shipping software – vessel reporting, bunkering and fuel consumption, voyage performance, emissions and port operations. I have owned a complex offline-first vessel-reporting application end to end and built features for large fleet-operations, port-management and intelligence platforms used by ship operators worldwide. I specialise in schema-driven form engines (JSON Schema / RJSF + AJV), interactive geospatial mapping (Mapbox GL, OpenLayers, Deck.gl), data visualisation and state-heavy UIs built with Redux-Saga, React Query and Zustand – combining strong engineering with rare, hard-won knowledge of the maritime domain. Earlier I delivered full-stack products outside the maritime space – most notably a smart-locker rental & parcel-delivery platform where I built CRMs, payment and fines processing, analytics and onboarding with React, Node.js and MongoDB – and mentored junior developers on a Fullstack course. I also work fluently with AI coding agents, orchestrating multi-agent workflows (Claude Code / Claude API, MCP tooling) to plan, build, review and ship features faster while keeping a human-in-the-loop on quality

## KEY ACHIEVEMENTS

- Improved Reporting Accuracy**  
Reduced regulatory reporting errors by 30% through enhanced validation protocols.
- Enhanced Analytics Performance**  
Led a 20% speed increase in data-intensive maritime analytics feature.
- Successful Mentoring Program**  
Mentored 1500+ students, improving projects success rate by over 40%.
- Customer Satisfaction Achievement**  
Achieved 90% customer satisfaction on implemented smart-locker platform.

## SKILLS

### Frameworks / UI

React 18/19 Next.js (App Router) React Native  
Flutter Ant Design MUI Prime React shadcn/UI  
Tailwind CSS SASS Styled Components  
Framer Motion Bootstrap

- Led development of reference backend solutions – server-side components, database design, and integrations with external services and third-party APIs – and documented the architecture
- Reviewed student projects and produced instructional materials, guides and video tutorials/screencasts to improve learning outcomes

## Full Stack Developer

### ShuttleKSA

📅 05/2021 - 05/2023 📍 Saudi Arabia (remote)

Built a smart-locker rental and parcel-delivery platform with React and Node.js

- Enhanced the core CRM for business owners (locker & parcel status tracking, payments, late-payment fines) and built subsidiary CRMs for partner companies
- Implemented payment processing for locker usage and delivery, plus analytics and reporting on locker performance and order statistics for owners and operations staff
- Integrated Google Maps for locker locations and delivery routing, and QR/barcodes for parcel and user identification
- Built interactive UIs with React and Material-UI, a smooth user-onboarding flow, Google OAuth sign-in, and automated email/SMS notifications; managed MongoDB for user, parcel and payment data

## Junior Frontend Developer

### iPromo

📅 09/2019 - 02/2021 📍 Ukraine

- Implemented numerous landing pages of varying complexity as sales funnels for the company's clients, focused on responsive layouts and conversion

## PERSONAL PROJECTS

### Locus – AI-Orchestrated Geospatial Workspace

Next.js • TypeScript • PostGIS/pgvector • Vercel AI SDK • MapLibre

[live demo](#) • [source code](#)

- Architected a single-database platform (one Postgres with PostGIS + pgvector + tsvector) powering 4 AI-driven modules – no syncing between a separate vector DB and a geo DB.
- Built a streaming, multi-step tool-calling agent over 7 real geo tools, exposed both in-app and as a Model Context Protocol (MCP) server – one tool core, two surfaces.
- Implemented hybrid RAG (vector + keyword + spatial) with reciprocal-rank fusion and a grounding gate that declines out-of-corpus questions – cited answers, no hallucinations.
- Designed, documented (OpenAPI/Swagger) and shipped to production solo with Langfuse + OpenTelemetry observability, an eval harness, and CI-clean builds on a 100%-free stack.

## LANGUAGES

**Ukrainian** Native



**Russian** Fluent (C2)



**English** Fluent (C1)



**Polish** Beginner (A2)



## FIND ME ONLINE

**GitLab**

[gitlab.com/ivettafsd](https://gitlab.com/ivettafsd)

**GitHub**

[github.com/ivettaDashkova](https://github.com/ivettaDashkova)

**LinkedIn**

[linkedin.com/in/ivettadashkova/](https://linkedin.com/in/ivettadashkova/)

## State & Data

[Redux](#) [Redux-Saga](#) [Redux Toolkit](#) [RTK Query](#)

[MobX](#) [Zustand](#) [TanStack React Query](#)

[Apollo Client \(GraphQL\)](#) [SignalR \(real-time\)](#)

[IndexedDB / offline-first](#)

## Forms / Schemas

[React JSON Schema Form \(RJSF\)](#) [AJV](#)

[JSON Schema](#) [Zod](#) [React Hook Form](#) [Formik](#)

## Maps / Viz

[Mapbox GL](#) [MapLibre GL](#) [OpenLayers](#) [Deck.gl](#)

[Turf.js](#) [GeoJSON](#) [Google Maps](#) [Highcharts](#)

[Chart.js](#) [Antv G6 \(network graphs\)](#) [TanStack Table](#)

## Backend

[Node.js](#) [NestJS](#) [Express](#) [PostgreSQL](#) [PostGIS](#)

[pgvector](#) [MongoDB / Mongoose](#) [MySQL](#) [SQLite](#)

[Drizzle ORM](#) [TypeORM](#) [REST](#) [Swagger](#) [Stripe](#)

[AWS S3](#) [SendGrid](#) [Firebase](#) [Cloudinary](#)

## Build / Test

[Vite](#) [Webpack 5 \(Module Federation\)](#)

[Nx \(monorepo\)](#) [Babel](#) [Gulp](#) [Parcel](#) [Playwright](#)

[Vitest](#) [Jest](#) [Testing Library](#) [Storybook](#) [MSW](#)

## AI / Agentic Dev

[AI-assisted development & multi-agent orchestration](#)

[Claude Code](#) [Claude / Anthropic API](#) [Vercel AI SDK](#)

[RAG \(hybrid search / RRF\)](#) [embeddings](#)

[structured LLM output](#) [LLM evals](#)

[MCP \(tooling & server\)](#)

[observability \(Langfuse / OpenTelemetry\)](#)

[agentic workflows \(plan → build → review → ship\)](#)

[prompt engineering](#) [AI code review](#)

## Tooling / Ops

[Git](#) [GitLab / GitHub CI/CD](#) [Docker](#) [Vercel](#)

[Supabase](#) [ESLint](#) [Prettier](#) [Husky](#) [Auth0](#)

[Firebase Auth / 2FA](#) [Sentry](#) [PostHog](#)

[i18next / react-intl \(i18n\)](#) [Jira](#) [Agile / Scrum](#)