

Anna Rychkova

Software Developer

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Personal Profile

- Motivated **Junior Software Developer** with 2+ years of hands-on experience designing, developing, testing, and deploying scalable, responsive, and secure applications. Proficient in modern front-end frameworks (**React, Next.js, TypeScript**) and back-end technologies (**Node.js, Java, Express**), with practical knowledge of **RESTful APIs**, databases (**SQL/NoSQL**), and **Git-based** version control. Hands-on exposure to cloud platforms (**AWS**) and **CI/CD pipelines**, currently deepening expertise in automation and cloud deployment.
- Strong problem-solving, debugging, and analytical skills, able to identify complex issues and implement efficient solutions.
- **Highly motivated, collaborative, and proactive, eager to learn** new technologies, including embedded and low-level programming, and contribute to **impactful projects** in a fast-paced **team environment**.
- **Visa:** Stamp 4
- **Languages:** English, Ukrainian, Russian

Technical Skills

- **Programming Languages:** JavaScript/TypeScript, Java, Python
- **Frontend:** React.js, Redux, Next.js, TypeScript, JavaScript (ES6+), HTML5, CSS/SASS, Tailwind, Bootstrap, Styled Components, jQuery
- **Backend & API:** Node.js, Express, REST, gRPC MongoDB, PostgreSQL, Firebase, Supabase
- **Core Practices:** Component-driven architecture, responsive & accessible design, scalability & security, CI/CD exposure, Agile/Scrum
- **Testing:** Jest, React Testing Library, Cypress (familiar), automated test practices
- **Tools & Systems:** Git/GitHub, Docker, Linux, Agile project management

Projects

CodeCraft (Developer)

- Full-stack web app for theory tests & coding practice in JS, Python, Java (Next.js, React, TypeScript, Supabase, Jest, Piston API, SendGrid)
- API integration, automated testing, email notifications, and scalable database architecture

Smart Recruitment (Developer)

- Recruitment platform (Node.js, Express, gRPC, MongoDB, EJS, Vanilla JS)
- JWT auth, AI-based filtering, CV parsing, and interview scheduling

GardenShop (Developer)

- Responsive e-commerce site (HTML, CSS, JS, Bootstrap)
- Cart with LocalStorage, product filtering, and form validation

AttaboyDogTraining (Team Leader, Developer)

- Initiated as a team learning project (Next.js, React, Tailwind, Firebase) and led development of MVP
- Invited by business owner to create the official site; ongoing work includes secure sessions, contact form (Nodemailer), image uploads (Cloudinary)

Camper Rent (Developer)

- Camper rental app (React, Redux, Router, Axios, Formik, Yup)
- Filtering, favorites (LocalStorage), form validation, and modals

Aqua Track (Team Leader, Developer)

- Water intake tracker (React, Redux, Node.js, Express, MongoDB, Formik, Yup)
- Water logging, progress stats, email reminders, and profile photos.

MistoHub (Developer in team)

- Interactive city guide with 360° views (React, Router, Styled Components, Framer Motion)
- Telegram bot integration, optimized build (Vite, SWC, ESLint, Husky)

EnergyFlow (Team Leader, Developer)

- Vanilla JS app (Vite, Axios, modern-normalize)
- Standardized JS practices, optimized build, cross-browser support

Education

2024-2025 | National College of Ireland | Higher Diploma in Science in Computing

- *Modules:* Software Development, Object Oriented Software Engineering, Introduction to Databases, Web Design and Client-Side Scripting, Computer Architecture Operating Systems and Networks, Data Structures, Algorithms and Advanced Programming, Distributed Systems

2023-2024 | GoIT Academy | Full Stack Developer - [Certificate](#)

- *Modules:* HTML+CSS, JavaScript, React, Node.js, TypeScript, Career Skills, Soft Skills

2022-2023 | Carlow Institute (VTOS) | English with Office Administration

2022-2023 | eCollege | IT Specialist HTML and CSS - [Certificate](#)

2001-2006 | Zhytomyr State University | Teacher of physics and mathematics

Work Experience

2023 | Carlow County Development Partnership | Community Car Administrator

- Optimized route scheduling and streamlined documentation, reducing delays by 15% and ensuring timely, accurate submissions.
- Improved customer satisfaction by 20% through multi-channel order management and strong stakeholder collaboration.

2017 – 2022 | Kromberg & Schubert | Factory Worker

- Operated ultrasonic welding devices and implemented quality control measures, reducing production errors by 10%, decreasing defects, and improving product reliability by 15%.
- Fostered teamwork and optimized workflows, enhancing efficiency and minimizing downtime.

2006 – 2011 | Zhytomyr Secondary School | Mathematics and Physics Teacher

- Delivered physics lessons and maintained accurate records, improving student performance by 20% and ensuring transparent progress tracking.
- Fostered a supportive, inclusive classroom environment, strengthening student and parent engagement through impactful communication.

Interests

- Active member of the **Carlow Dragon Boat Club**, participating in regular training sessions and competitions.
- Achieved prize-winning results with the team in local, national, and international dragon boat racing events, showcasing dedication, teamwork, and competitive spirit.