

# Alexander Ponomarenko

Full Stack Developer · Frontend Focus

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## Profile

Full Stack Developer with 3+ years of professional frontend engineering in enterprise teams - React, Angular and TypeScript - including frontend team leadership at an international company. Experienced in complex data interfaces, design systems, web accessibility (WCAG) and third-party SaaS integrations. Backend skills in Python and FastAPI built through personal projects, and recent Next.js experience from a personal project. Currently exploring agentic engineering and AI-assisted development.

## Work Experience

nov 2022 –  
jan 2026

### Software Engineer

EPAM Systems (global digital engineering company, 60,000+ employees in 55+ countries)

- **Enterprise Event Microsite Platform (AEM / React):** Built reusable, accessible React UI components and design-system tokens (Storybook, LESS, Redux) inside Adobe Experience Manager for a global software vendor's international conference series - multi-city events drawing 10,000+ on-site attendees. One of four frontend developers in a cross-functional team of fifteen.
- **SaaS Customization & Integration (RainFocus / Vanilla JS):** Rebranded and extended third-party RainFocus portals running registration and event management for the same conference series - client-side scripting and deep CSS/LESS overrides that changed default platform behaviour, fixed vendor defects and enforced strict brand guidelines.
- **Data-Intensive Defense Analytics (React, Leaflet):** Built dynamic search and interactive mapping modules in React, TypeScript and React Leaflet - advanced query-filtering interfaces over Elasticsearch APIs, network nodes visualised on maps.
- **Internal Assessment Platform (Angular):** Built EPAM University's student assessment platform in Angular, modernising examination workflows and score tracking.

### Internal projects

- Progressed from Angular developer to **Angular Team Lead and Technical Expert** across consecutive EPAM IT Marathons (2023–2025); led a team of three frontend developers on a programme with ~2,000 participants and delivered a technical session on EPAM's educational channel (2.9k views).
- **University Mentorship (EPAM Partnerships):** Designed and taught a React fundamentals course for ~40 third-year CS students at Alfred Nobel University - two groups, 10 lectures and 10 hands-on workshops per group, final exam.

dec 2010 –  
nov 2021  
Ukraine

## Agency Group Manager / Insurance Specialist

Universalna Insurance Company (Fairfax Financial Holdings)

- Led an agency group for the full eleven years and grew personal sales 20×.
- Trained agents and network partners including OKKO and Ukrposhta - one-to-one coaching and group sessions for audiences of up to 100; expanded the partner network across banks and car dealerships; led tender bids and B2B/B2C client relations.
- Moved into software engineering in 2021 through full-time retraining.

### — Personal Projects —

#### Async Contacts REST API - FastAPI, PostgreSQL, Docker

Production-ready async backend service: JWT authentication, email verification, rate limiting (SlowAPI), layered Repository/Service architecture on SQLAlchemy 2.x with Alembic migrations and Pydantic v2 validation, containerized via Docker Compose.

[github.com/Ponomaleks/fastapi-contacts-api](https://github.com/Ponomaleks/fastapi-contacts-api)

### — Education —

**2025 – 2027**      **MSc in Computer Science: Software Engineering and AI**  
online              Woolf University, Malta

**2004 – 2009**      **Master’s Degree in Process Automation and Control**  
Ukraine            Ukrainian State University of Chemical Technology  
*Recognized in Norway as equivalent to a Norwegian short master's degree (HK-dir)*

### — Additional Education —

**2022 – 2023**      **Frontend Developer (Angular)** - EPAM University, Ukraine, online  
**2021 – 2022**      **Full-Stack Development (React, Node.js), certificate** - GoIT, Ukraine, online  
**2021**                **Software Testing, certificate** - IT Testing School, Ukraine, online

### — Skills —

**Frontend:** React, Next.js, Angular, TypeScript, JavaScript, Redux Toolkit, TanStack Query, Zustand, Yup, RxJS, Storybook

**Backend:** Python, FastAPI, PostgreSQL, SQLAlchemy

**Web & APIs:** REST APIs, WebSockets, API Integration, Axios

**Architecture & Quality:** Reusable UI Components, Design Systems, Web Accessibility (WCAG), Jest, Pytest

**Tools & Practices:** Git, Docker, Vite, Webpack, Jira, Agile/Scrum, Figma, Copilot, Claude Code

### — Community & Volunteering —

Elected member of a local municipal council; ran regional youth and community programmes. Organised English courses for displaced children.

Animal fostering and welfare initiatives.

### — Languages —

Ukrainian - native · English - upper-intermediate · Norwegian - intermediate