

Kozlianskyi Kostiantyn

Full-stack Developer .NET + Angular

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👋 I'm a Full-Stack Developer with over **4 years** of experience, focused on building high-performance single-page applications using **.NET-based RESTful APIs** and **Angular, TypeScript, SCSS**. I have hands-on experience in creating **responsive, cross-browser interfaces** and working with **microservice architectures**. I'm proactive in improving development workflows, automation, and cross-team collaboration, with experience working in production environments that require strict deadlines and quality control.

Work Experience

Full-stack .NET + Angular Developer

BlackNova

From Nov 2024 (1.5 y.)

About

Domain: **Hardware / IoT**.

Development of a smart home management system for hotel infrastructure as part of the BlackNova team. The platform is based on a **microservices architecture**. I contribute to both the frontend in **Angular** and backend **RESTful API** in **.NET** with **SQLite** database. I also contribute to microservices written in **Python**. I've taken the initiative to improve the development workflow by integrating a CI/CD pipeline using **Jenkins**, and actively contribute to optimizing and automating deployment and versioning processes.

Achievements

- Integrated a full CI/CD pipeline on a **Jenkins** server, significantly accelerating team development and delivery processes.
- Introduced a **service versioning system**, enabling clearer tracking of the current state of all deployed services.
- Developed a set of **deployment automation scripts** for physical devices, reducing daily testing and debugging time by over 40 minutes.
- Developed a library of reusable **Angular** components that made it easier to develop and prototype new projects.
- Implemented **unit** and **integration testing**, helping to prevent regressions and errors when developing new features or fixing bugs.
- Mentored other developers in adopting best practices and encouraged a culture of continuous learning within the team.

Languages

- English: Upper-Intermediate B2
- Ukrainian: Native

Tech Stack

• Backend

- ASP.NET Core 8+ (C#)
- REST WEB API
- JWT / OAuth
- Entity Framework
- MS SQL Server
- SQLite
- AutoMapper
- Rx.NET
- xUnit
- Swagger
- HTTP / HTTPS / TCP / SDDP / MQTT
- Python
- Electron

• Frontend

- Angular
- WPF (.NET Desktop)
- TypeScript
- JavaScript (ES6+)
- RxJs
- Socket.IO
- HTML5, SCSS / CSS
- Tailwind, Bootstrap
- Styled Components
- Webpack
- Jest, Cypress
- jQuery

• DevOps & Cloud

- Git (GitHub, GitLab)
- Docker
- Jenkins (CI/CD)
- Google Cloud (GCP)
- Ubuntu Server
- SSH
- Jira, Trello, Slack

C# Developer

China Machinery Investment Group
via **AED KPI University**

Jan 2023 - Oct 2024 (2 y.)

About

Domain: **Utilities / Data Processing.**

Development of a software package for the research and generation of electromagnetic signals and their propagation in the aquatic medium. I implemented algorithms and complex mathematical equations in **C#** in an optimal way, and developed the user interface with **WPF**.

Achievements

- Collaborated closely with researchers and team members to translate complex technical requirements into practical software solutions, ensuring alignment with project goals.
- Implemented the debounce function for building a trajectory and drawing graphs, which reduced the UI response time in the application by *x10 times*.
- Implemented **Jira** as the primary task tracker, improving team alignment and reducing ambiguity in task ownership.

Full-Stack Developer PHP + Angular

SushiClub

Jun 2022 - Jan 2023 (0.5 y.)

About

Domain: **CRM & E-commerce.**

Development of an online ordering platform for a sushi studio. Built the **customer-facing frontend** in **Angular** with **Styled Components**, featuring a responsive product catalog, shopping cart with real-time updates, and seamless checkout flow. Developed an **admin system** in **Angular** for staff and order management. Integrated **LiqPay** payments, receipt printing, and a **Telegram bot** for instant order notifications. Created a **courier client** for real-time order tracking. The backend was implemented as a **PHP REST API** with **MS SQL Server** using **RedBeanPHP**.

Achievements

- 72% of all orders were processed directly through the website.
- 38% of first-time customers returned for repeat orders.
- Average order processing time reduced by 25% compared to manual handling.
- Facilitated communication between technical and non-technical stakeholders, ensuring clear understanding of requirements and efficient feature delivery.
- Coordinated tasks effectively to meet tight deadlines.

Education

College of Transport and Computer Technology of Chernihiv Polytechnic National University

2017 - 2021 (4 years)

Junior specialist diploma; Electric power, electrical engineering and electromechanics.

National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute"

2021 - 2025 (4 years)

Bachelor's degree diploma; Faculty of electronics, micro- nano system technology.