

# Bohdan Andrianov

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## EDUCATION

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- **Donetsk National Technical University**

*Master of Artificial Intelligence Systems. Analyst of Computer Systems; GPA: 4.50*

Donetsk, Ukraine

*Sep 2009 – Jan 2016*

## EXPERIENCE

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- **ProCoders**

*Software Engineer*

Lisbon, Portugal

*Apr 2021 – Present*

- **AI and Data Intelligence:** Designed and implemented AI algorithms to rank users based on registration data, identifying high-value users aligned with company goals. Built automated user-profile description generation systems, including tailored summaries explaining how individual users fit specific business interests.
- **Salesforce Integration:** Developed and optimized Apex classes to create and manage API integrations, enabling seamless data synchronization between Salesforce and external services.
- **PostgreSQL:** Designed and optimized PostgreSQL database structures, including triggers, functions, indexes, and transaction-safe operations.
- **Mobile UX Optimization:** Led efforts to adapt complex desktop UI/UX workflows for mobile platforms, improving usability, accessibility, and overall engagement for mobile users.
- **Redis and Background Processing:** Built and managed Redis-powered background job systems for tasks such as email delivery, report generation, and asynchronous data processing.
- **Video and Communication APIs (Zoom, RingCentral):** Integrated Zoom and RingCentral APIs, including webhook handling, to automate meeting creation, synchronization, participant management, and real-time updates.
- **Authentication and Security:** Worked on secure user authentication flows, including OTP-based two-factor authentication and robust "Forgot Password" workflows. Role-Based Access Control (RBAC) to manage user permissions. Content Security Policy (CSP) configurations to mitigate XSS and improve overall application security.

- **Weeteam**

*Software Engineer*

Kharkiv, Ukraine

*Mar 2020 – Mar 2021*

- **In-App Guidance:** Designed and implemented an interactive user-guidance system—featuring contextual tooltips and a step-by-step walkthrough—to improve onboarding clarity and reduce user friction within the application.
- **MongoDB:** Built and optimized a MongoDB-backed API to reliably store, query, and manage user-generated data for mobile applications, improving data accessibility and performance.

- **Cudev**

*Software Engineer*

Kharkiv, Ukraine

*Dec 2019 – Mar 2020*

- **GraphQL API Development:** Worked on a GraphQL API powering a travel booking platform, improving data retrieval efficiency and enabling more flexible client queries.

- **Bit Media**

*Software Engineer*

Kharkiv, Ukraine

*Mar 2019 – Dec 2019*

- **Yii 1.1 Application Development:** Developed custom MVC modules, integrated backend logic, refactored legacy components, and maintained the full lifecycle of an e-learning web application within the Yii 1.1 framework.

- **Kontora Design**

*Software Engineer*

Ivano-Frankivsk, Ukraine

*Nov 2017 – Feb 2019*

- **PHP / Laravel / WordPress Development:** Built a platform for managing and processing registration for offline events.
- **1C ERP Integration:** Designed and implemented a custom integration module for the 1C ERP system, enabling seamless bi-directional data exchange and synchronization.

## PROGRAMMING SKILLS

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- **Languages:** Node.js, Javascript, Typescript, PHP, SQL, Rust, Apex

- **Technologies:** Fastify, NestJS, React, Tanstack, Next.js, Docker, Kubernetes, Git, AWS