

# Bohdan Andrianov

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## EDUCATION

### • Donetsk National Technical University

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

Donetsk, Ukraine

Sep 2009 – Jan 2016

## EXPERIENCE

### • 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. Improved query performance and implemented automated column-name transformations for consistent and scalable schema design.
- **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 Development:** 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

### • Languages:

Node.js, Javascript, Typescript, PHP, SQL, Rust, Apex

### • Technologies:

Fastify, NestJS, React, Tanstack, Next.js, Docker, Kubernetes, Git, AWS