Bohdan Yakubiak

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Technical Skills

Languages: Python, Java, JavaScript, C#, SQL
Frameworks & Libraries: Django, Node.js, Spring Boot, Express.js, Pandas, Matplotlib
AI/ML Tools: OpenAI API, Ollama LLM, REST API Integration
Databases: PostgreSQL, MongoDB, SQL Server
Tools & DevOps: Docker, Git/GitHub, Linux, Postman, Azure, Jira
Core Competencies: REST API Development, Backend Architecture, Database Design, OOP, Authentication & Authorization

Professional Experience

Backend Developer (Contract)   Sep. 2025 - Jan. 2026
MindDriveX – Car Marketplace Platform   *Remote*

- Co-architected backend infrastructure for full-stack car marketplace featuring buyer-seller connections, real-time messaging, and Next.js frontend integration
- Engineered JWT-based authentication and real-time messaging system using socket for instant buyer-seller communication
- Integrated Ollama LLM to power AI assistant with conversation memory, dynamic prompt generation, and SSE streaming for vehicle recommendations
- Developed 360° vehicle visualization pipeline using Multer for multipart uploads and Sharp for image processing
- Implemented Twilio API for phone verification and email notification system with Joi validation and CORS/authentication middleware

Backend Developer   Sep. 2024 - Apr. 2025
Brinklift – Immigration Platform   *Ottawa, ON*

- Architected backend services across authentication, case management, hiring workflows, and profiles using Spring Boot with DTO architecture
- Engineered secure authentication implementing BCrypt password hashing, email verification flows, and custom validation logic
- Developed end-to-end hiring workflow handling consultant matching, request acceptance/decline, and persistence using JPA repositories
- Built profile management and media upload pipeline with multipart file handling and persistent storage for users and consultants

Projects

Backend Developer   Dec. 2025 - Present
ResumeAI – Intelligent Job Application Tracker (Django, PostgreSQL, OpenAI API)

- Building Django REST API with token-based authentication for tracking job applications and interviews.
- Integrating OpenAI API for automated resume tailoring and cover letter generation based on job descriptions and user experience
- Developing analytics dashboard using Pandas and Matplotlib to visualize application metrics, response rates, and skill gap analysis
- Implementing document parsing pipeline to extract requirements from job postings and match against user profile strengths

Education

Algonquin College   2023 - 2025
Computer Engineering Technology - Computing Science

- *Coursework: Data Structures & Algorithms, Java, Database Systems, Linux, OOP, Web Enterprise Applications*

Ivan Franko National University of Lviv   2022 - Present
Management

- *Coursework: Project Requirements Management, Business Communications*