

Contact

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Top Skills

Mentoring
Teamwork
Analytic Problem Solving

Languages

English (Professional Working)
French (Elementary)
Romanian (Native or Bilingual)
Dutch (Elementary)

Certifications

Zend PHP Certified Developer

Ionuț-Alexandru Bănică

Senior Software Engineer at Just Eat Takeaway.com

Apeldoorn, Gelderland, Netherlands

Summary

Senior software engineer combining backend architecture, technical leadership and mentoring with applied AI and agent orchestration. At Just Eat Takeaway.com, contributes to AI security automation and development tooling, with a focus on specification-driven development, cost efficiency and continuous improvement. Keen to improve how teams build software through clear requirements, practical automation and knowledge sharing.

Experience

Just Eat Takeaway.com
Senior Software Engineer
July 2020–Present (6 years 3 months)
Enschede, Netherlands

AI powered security automation. Contribute to reusable AI skills that automatically apply security fixes within the company.

Developer productivity and automation. Actively developing an internal tool that generates the development infrastructure needed to run company services.

Specification driven development and cost awareness. Use clear specifications to guide AI-assisted development, with attention to cost efficiency and opportunities to improve engineering workflows.

Software delivery and architecture. Design and deliver scalable software solutions; contribute to architecture, cross-team collaboration, process improvements and engineering standards.

Leading technical initiatives. Led Globalisation initiatives, securing stakeholder alignment and architectural approval. Designed and implemented the Java 21 Service Migration.

Platform collaboration and quality. Introduced Kubernetes-native leader election with platform teams. Improve code quality and domain segregation to reduce technical debt.

Cross team alignment. Coordinate across domains, resolve technical conflicts and align expectations to support delivery of critical projects.

Coaching and development. Onboard and mentor engineers, including an Early Career Program participant. Provide structured one-to-one coaching and Java, Spring Boot and engineering practice training.

Team leadership and continuous improvement. Refine integration testing and development workflows; serve as acting Team Lead when needed.

Axsys Romania
Technical Development Lead
May 2020–July 2020
Bucharest, Romania

Team guidance and delivery standards. Oversaw the team's development activity and code quality. Worked with the team to assess and manage technical debt through SonarQube before delivery.

Coaching and stakeholder support. Gave new team members constructive feedback on code design and technical approaches. Provided architectural and technical support in business integration meetings.

Axsys Romania
Senior Software Engineer
November 2018–May 2020
Bucharest, Romania

Architectural responsibility. Helped define services and communication for a new financial product, combining shared business requirements and integrating external financial institutions through REST APIs.

Service design and integration. Worked with SOA, Symfony 4.4 and domain-driven design. Implemented a flow manager to decouple business functionality and internal and external integrations.

Quality ownership. Took responsibility for project code quality and worked with the team on unit tests aligned with acceptance criteria.

eMAG
Software Developer
April 2016–October 2018
Bucharest, Romania

Backend modernisation. Migrated the website backend from Silex 2.0 to Symfony 4.1 and developed REST APIs for iOS and Android applications.

Complex delivery and problem solving. Helped migrate monolithic functionality into microservices using domain-driven design and Onion Architecture. Handled complex integrations and performance issues, including during Black Friday.

Developing team capability. Served as a point of reference for Symfony and unit testing. Led internal training and coding dojos, and worked with the team to meet project objectives.

Optaros
Software Developer
August 2013–April 2016
Bucharest, Romania

Technical responsibility and client needs. Managed major technical aspects of Magento Enterprise projects for US and Swiss retailers. Analysed client needs and recommended technical solutions, efficiency improvements and better user experiences.

Knowledge sharing and quality oversight. Delivered internal PHP and OOP training and oversaw unit testing on assigned projects. Implemented Magento improvements including CMS block scheduling and versioning.

Microsoft
Software Developer Engineer in Test
June 2012–October 2012
Seattle, Washington, United States

MoneyMate
Data Architect
June 2011–January 2012
Dublin, Ireland

Data engineering and training. Built XPath queries to extract and prepare client economic data for storage and processing. Delivered internal training on relational storage.

Bestsoft Consulting Ltd.
Junior Software Engineer
June 2010–September 2010
Bucharest, Romania

Applied AI and ML

Independent technical experience

Computer vision and edge AI. AI modeling with YOLO and PyTorch; ONNX model workflows and exploration of edge inference using Hailo and Raspberry Pi.

AI Assisted Engineering and Agent Orchestration

Independent development practice

AI assisted prototyping. AI-assisted coding and rapid prototyping through iterative prompt-led development, commonly known as vibe coding.

Agent orchestration and specifications. Structure requirements and coordinate AI agents around defined development tasks through specification-driven development.

Education

Polytechnic University of Bucharest | Master's degree, Advanced Software Systems | 2013–2015

Polytechnic University of Bucharest | Bachelor's degree, Computer Science | 2009–2013