

Bogdan-Andrei Iuga

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Skills

- **Backend & Frontend:** Java (17+) | Spring Boot | JavaScript | TypeScript | Node | Express | React | Next.js | Vue | Nuxt
- **Databases & Cloud:** PostgreSQL | Firestore | Redis | Google Cloud Platform | GitLab CI/CD
- **Software Development:** Microservices | System Design | Integrations Engineering | REST API | PWA | WebSockets
- **Soft Skills:** Startup Scaling | Problem-Solving | Product-First Mindset | Collaborative Problem-Solving
- **Languages:** English, Romanian

Experience

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| Software Engineer | <u>Flip.ro</u> | <i>Bucharest, Romania</i> | 04/2022 - Current |
| <ul style="list-style-type: none">• Played a key role in the engineering team, driving Flip's transformation from a domestic startup into a market leader in Eastern Europe's circular economy by improving system design and scalability.• Designed and deployed scalable APIs with zero downtime during high-load seasonal events, handling 600k+ user sessions and \$4M+ in orders during Black Friday 2024.• Developed high-performance backend (Java, Node.js) and frontend (React, Next.js, Vue.js) microservices, improving core product features.• Led full-cycle development for critical functionalities, including seamless payment integrations, an automated CMS, and an inbound package tracking system that streamlined unboxing and confirmation processes, enhancing operational efficiency.• Achieved 100% warehouse stock traceability and streamlined pick-and-pack processes for guaranteed accuracy, slashing packing time from hours to minutes using PWA's and WebSockets.• Improved performance and reliability using Google Cloud Platform Metrics & Analytics, enabling data-driven business decisions. | | | |
| Software Engineer | <u>Thales</u> | <i>Bucharest, Romania</i> | 06/2020 - 04/2022 |
| <ul style="list-style-type: none">• Began as an intern, developing a functional web-based application for internal tools using Java Spring Boot and Angular.• Progressed to Full-Stack Developer on an international Agile team, improving performance and usability of a large-scale project tracker.• Led efforts in transforming a widely used legacy software into an up-to-date web application, replacing outdated, inefficient workflows with simpler, faster and more reliable ones. | | | |

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| Software Engineer Helper | <u>Vodafone</u> | <i>Bucharest, Romania</i> | 07/2019 - 10/2019 |
| <ul style="list-style-type: none">• Assisted in developing a global web-based invoice tracking and procurement system used across Vodafone worldwide. | | | |

Education

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| Engineer, Bachelor of Computer Science | <u>Faculty of Automatic Control and Computer Science</u> | <i>Politehnica University of Bucharest</i> | 10/2017 - 06/2021 |
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Projects

- **Innovation Labs:** Participated with [StudentHub](#), developing a university schedule automation tool, which later became my [Bachelor's Thesis](#) (04/2021)

Mentorship

- **Undergraduate teaching assistant :** C Programming | Data Structure and Algorithms - ACS Faculty (2018- 2022)
- **Fundraising Coordinator LSAC:** Coordinated a large team of student Fundraisers | Oversaw partnerships with Google, Amazon, and other tech giants, facilitating conferences and events like the IT&C Fair (2019-2020)