

Angel-loan Băloi

Software Engineer

Bucharest, Romania

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Software Engineer at Graphit Innovation Factory. I work full-stack with Django and Python, from the database (PostgreSQL) to the interface, with a strong focus on security, performance and efficient code. With a business background too, I understand the model and what the client actually needs, and deliver results that are prompt, fast and effective. I'm an engineer with a deliberately mixed background: Computer Science & Automation at Politehnica (UPB), then Business Administration taught in English (FABIZ, ASE). It's why I look at every product from two angles: the technical one and the business it has to serve. Outside of work I build my own projects and take them all the way to production. I like software made with care: stable, clean and ready to use, not just a demo that runs once.

EXPERIENCE

Software Engineer

Jun 2025 – Present

Graphit Innovation Factory · Bucharest (Hybrid)

I work full-stack, from the interface (CSS, JS) and backend (Django, Python, PostgreSQL) all the way to infrastructure (Linux, Docker, Nginx, Kubernetes). I also own what keeps a product healthy: monitoring (Prometheus, Grafana, Wazuh), security, performance and optimization, SEO and tests.

Guesthouse Administrator (family business)

Mar 2022 – Present

Conacul Sârbesc · Svinița, Mehedinți

From reservations, availability, check-in/check-out and guest communication to the hands-on work: carpentry, electrical, heating and plumbing, masonry, kitchen help and reception. Basically everything that keeps a guesthouse running.

PROJECTS

- Registrul Național Digital al Clădirilor**, Romania's building stock, digitized through the PNRR · registrulcladirilor.gov.ro
Graphit · team
- DigiMatur**, Digital maturity assessment for SMEs · digimatur.online Full-stack, solo
- Aventuryo**, Adventure camps for kids, booked online · aventuryo.ro Full-stack, solo
- Profesio**, Online learning platform for professionals · profesio.ro Graphit · team
- Conacul Sârbesc**, Guesthouse site with online reservations · conaculsarbesc.ro Graphit · team
- Pensiunea Maria Rustic**, Multi-property accommodation & booking · cazarevila.ro Graphit · team
- Admissions Watcher**, Automated admissions-results alerts Full-stack, solo

EDUCATION

BSc, Business Administration taught in English (FABIZ)

Sep 2023 – Jul 2026

Bucharest University of Economic Studies (ASE)

BSc, Automation & Computer Science

Oct 2019 – Jul 2023

Politehnica University of Bucharest (UPB)

High school diploma

2011 – 2019

Colegiul Național „Traian”, Drobeta-Turnu Severin

SKILLS

Languages: Python, JavaScript, Java, C, SQL, MATLAB

Backend: Django, REST APIs, PostgreSQL, Celery, Redis

Frontend: React, Angular, CSS, Responsive UI

DevOps & observability: Linux, Docker, Nginx, Prometheus, Grafana, Wazuh, Git, GitLab

CONFERENCES

- SATELLITE 2026, SATShow Week, Washington, D.C., USA (Mar 2026)