Igor Dobrić

igordobricc@gmail.com · github.com/IgorD-lab · Novi Sad, Serbia

EDUCATION

Educons University | B.Sc. Information Technology – Software Engineering   Expected Summer 2026
Final Year · GPA: 8.79/10

EXPERIENCE

Software Engineer, Contract | Fusion3 Tech   Sept 2025 – Nov 2025
- Refactored core code generation engine in sol-xcm from a monolithic many-to-one model to a modular one-to-one architecture, reducing cross-file dependencies and improving maintainability
- Built GitHub Actions CI/CD pipelines automating linting, builds, and deterministic verification of generated Solidity contracts on every push
- Expanded Hardhat test suite covering SCALE codec encoding and contract generation correctness; co-developed ScaleCodec and call encoder tests
- Drafted contributor-facing architectural documentation covering the data flow from Polkadot metadata extraction to Solidity interface generation, lowering the entry barrier for new contributors

IT Support, Freelance | Novi Sad, Serbia   June 2023 – Present
- Identified and automated recurring data consolidation tasks with Python scripts, reducing manual processing time by ~50%
- Maintained hardware, software, and network reliability for a small business; handled router configuration and system troubleshooting

PROJECTS

DevFolio | Django, PostgreSQL, REST APIs, JavaScript
github.com/IgorD-lab/DevFolio
- Built a full-stack developer networking platform with Django and PostgreSQL supporting portfolio creation, project sharing, and direct developer messaging
- Designed a RESTful API covering user authentication, project management, and developer interactions; deployed to cloud for production availability
- Implemented user-centric frontend with Django templates and Bootstrap, focusing on responsive navigation and seamless UX

Pharmacy Safety System | Flask, Python, PostgreSQL
github.com/IgorD-lab/Pharmacy
- Architected a multi-database prescription validation system across 6 interconnected databases, modelling workflows with DFD, UML, and sequence diagrams
- Automated checks for drug interactions, credential verification, and insurance status; developed Flask prototype with pharmacist dashboard and audit logging

SKILLS

Python, Django, Flask, JavaScript, TypeScript, React, Next.js, PostgreSQL, SQLite, REST APIs, Git, Bash, Linux (Arch), GitHub Actions