

Diana-Elena Durbacă

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Education

Transilvania University <i>Master's in Internet Technologies (English-taught)</i>	Braşov, Romania <i>Oct 2025 – Present</i>
Transilvania University <i>Bachelor of Science in Computer Science</i>	Braşov, Romania <i>Oct 2022 – Jun 2025</i>
<i>Relevant coursework:</i> Data Structures, Algorithms, Formal Languages and Compilers, Object-Oriented Programming (C++), Advanced Programming (Java), Artificial Intelligence (Python).	

Experience

TechTrek – NTT Data <i>Working Student (Frontend)</i>	Braşov, Romania <i>Aug 2024 – Sep 2025</i>
<ul style="list-style-type: none">○ Built modular, reusable, and reactive components in Angular.○ Developed responsive and accessible interfaces using Angular Material, PrimeNG, and CSS.○ Integrated APIs with HTTPClient and RxJS, managing asynchronous data and errors.○ Applied best practices: lazy loading, feature modules, standalone components.	
TechTrek – NTT Data <i>Working Student (DevOps)</i>	Braşov, Romania <i>Nov 2023 – Aug 2024</i>
<ul style="list-style-type: none">○ Containerized apps with Docker and orchestrated with Kubernetes.○ Implemented CI/CD pipelines with GitHub Actions and ArgoCD.○ Monitored apps with Grafana and optimized performance.○ Worked with AWS, Azure, and VirtualBox environments.	

Projects

- Interactive 3D CV:** Angular, Three.js, WebGL. Interactive online résumé as a 3D solar system with animations, hotspots, and modern UI overlay.
- Liceu-Bac Performance Analyzer:** Angular, PrimeNG, Tailwind. Exam performance analytics, school recommendation, admission trends.
- Weather App:** Angular, TypeScript. Open-Meteo integration, autocomplete search, Firebase favorites.
- Expense Tracker (Mobile):** Flutter, Dart, MongoDB. JWT auth, AI financial tips, OCR receipt scanning, PDF/Excel export.
- Expense Tracker (Web):** Angular, Node.js, MongoDB. Dashboards, AI advice, categories, exports.
- Python Echo Server & Client:** Python, asyncio, Docker. Asynchronous networking with CI/CD.

Skills & Interests

- Programming:** C, C++, C#, Java, Python, JavaScript, Dart, HTML/CSS
- Frameworks & Tools:** Angular, Node.js, Express, Flutter, Three.js, PrimeNG, Tailwind, Font Awesome
- Soft Skills:** communication, teamwork, adaptability, attention to detail, logical thinking
- Languages:** Romanian (native), English
- Interests:** playing guitar, photography, gaming, cooking