

GEORGE PANFIL

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CAREER SUMMARY:

Dynamic developer with 2 years of experience designing and optimizing high-performance web systems for complex industrial environments. Expertise in Angular frontends and .NET Core backends, with a demonstrated ability to streamline workflows and significantly improve system latency.

SKILLS

- Programming Languages:** TypeScript, JavaScript, C#
- Frontend Development:** Angular 16+, React, RxJS, NgRx, HTML5/CSS3
- Backend Development:** .NET Core 8, ASP.NET Core Web API, Entity Framework Core
- Database:** LINQ, SQL Server
- Tools:** Git, Linux CLI
- Methodologies:** Agile/Scrum, Clean Architecture
- Core Competencies:** Analytical Problem-Solving, Data-Driven Development, Technical Mentorship

WORK EXPERIENCE:

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| Full Stack Developer, Trident SM, Bucharest | October, 2025 - December, 2025 |
| <ul style="list-style-type: none">Architected and began implementation of the front-end structure, prioritizing code stability, scalability, and a solid foundation for future features.Engaged with stakeholders in project kick-off meetings to analyze the current application flow and define requirements for the next version, focusing on user experience and process optimization. | |
| Full Stack Developer, Liberty Galați | December, 2023 - September, 2025 |
| Technical Assistance Scheduler App | |
| <ul style="list-style-type: none">Led development of an internal IT team availability tracker used during holiday periods, guided junior devs on reactive forms and Angular best practices, implemented dynamic forms for admins to create date ranges, developed calendar UI for users to submit daily availability, designed API endpoints with role-based access | |
| Manufacturing Execution System (MES) Optimization | |
| <ul style="list-style-type: none">Reduced API response times by 25% through implementing efficient EF Core queries with <code>.AsNoTracking()</code> and proper indexing and improved Angular code quality by introducing standalone components for better maintainability, implementing modular architecture | |
| Internal Task Management Platform | |
| <ul style="list-style-type: none">Replaced legacy service-based architecture with NgRx state management, improving task transition speed by 30%, optimized performance by implementing selectors to minimize store computations, reducing re-renders by 40% via <code>OnPush</code> change detection | |
| Web Developer Trainee, Liberty Galați | July, 2022 - September, 2022 |
| Technical Drawings Management System | |
| <ul style="list-style-type: none">Built a secure document management application for 100+ steel plant warehouse technicians, reduced drawing retrieval time by 65% through .NET Core API caching of frequently accessed drawings and optimized SQL Server queries with proper indexing | |

PROJECTS

Team Management System - Bachelor's Degree Project

- Built interactive dashboards with dynamic task boards (drag-and-drop using React Beautiful DND), responsive design
- Designed RESTful API using JWT authentication
- Optimized queries through indexed fields (`teamId`, `deadline`) for 50% faster searches

EDUCATION

October, 2024 - Present | “Dunarea de Jos” University Galați
Master of Advanced Computer Science - Software Engineering

October, 2019 - July, 2023 | “Dunarea de Jos” University Galați
Bachelor of Computer Science - Software Engineering