

# 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:

**Full Stack Developer, Trident SM, Bucharest** October, 2025 - December, 2025

- **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**

- **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**

- **Reduced API response times by 25%** through implementing efficient EF Core queries with .AsNoTracking() and proper indexing and **improved Angular code quality** by introducing standalone components for better maintainability, implementing modular architecture

**Internal Task Management Platform**

- **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 OnPush change detection

**Web Developer Trainee, Liberty Galați** July, 2022 - September, 2022

**Technical Drawings Management System**

- 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