

Name:	Goncear Alexei			
Role in Contract Implementation:	Software developer			
Nationality:	MD			
Contact information:	E-mail: agonchar@galex.md Phone number: (+373)60108881			
Countries of Relevant Work Experience:	Country		Dates	
	Moldova		2018-present	
	USA		2021-present	
	Name of present Employer: GalexStudio			
	Years with present Employer: 6 years			
Language Skills:	Language	Reading*	Speaking*	Writing*
	Romanian	Native language		
	Russian	1	1	1
	English	1	2	1
	*(1 – excellent; 5 – basic)			

Professional Summary

A Full-Stack .NET Software Engineer with a strong focus on modern web technologies. Skilled in designing and developing interactive, scalable, and high-performance web applications. Expertise in building dynamic UI components, implementing responsive design, optimizing front-end performance, and ensuring smooth API integration.

Experienced in designing and implementing RESTful API, optimizing database performance, and ensuring efficient data processing. Proficient in authentication, authorization mechanisms, and message queuing systems. Skilled in microservices architecture, cloud-based deployments (Azure, AWS, Kubernetes), and containerization using Docker. Adept at implementing CI/CD pipelines to streamline development and deployment processes.

Standards and programming languages: C#, Java , Kotlin, SQL, JS, TS

Frameworks: .NetCore. .NetFramework , REACT, Angular

Node.js:

- Development of server-side applications and REST APIs.
- Working with databases (MongoDB, PostgreSQL) through ORM and drivers (Mongoose, Sequelize).
- Authentication and authorization (JWT, Oauth, ADAuth).
- Asynchronous programming,
- P2P communication design and development
- Handling file systems and data streams.
- RabbitMQ message queue implementation
- Server setup and management (PM2, Docker).

React:

- Building components using functional and class-based approaches.
- State management with React Context API, Redux, Zustand.
- Working with hooks (useState, useEffect, useMemo, useCallback, etc.).
- Form integration using Formik and Yup.
- SignalR integration for real-time communication
- Creating responsive and cross-browser interfaces using CSS and libraries
- Implementing routing with React Router.
- Connecting and interacting with REST APIs.
- Performance optimization and debugging (React DevTools, Profiler).

Development tools: Visual Studio, Eclipse, Android Studio, Git, Jmeter

Application servers: IIS

Databases: MySQL, Microsoft SQL Server, MongoDB

Operation system: Windows *, Linux

Relevant Experience (From most recent):

Period: From – To	Name of activity/ Project/ funding organisation, if applicable:	Job Title and Activities undertaken/Description of actual role performed:
2021-Present	Quanex, USA	Job Title: Software Developer Context: Migrating a monolith management system for manufacturing. ERP integration and Shopfloor on microservices architecture, optimizing performance issues and implementing new functionality. Environment technical details: .Net, Oracle, PostgreSQL, Microsoft SQL Server, MongoDB, Azure. Responsibilities: - Redesign and enhance of existing functionality to improve performance and scalability; - Design and implement robust error-handling systems to ensure application reliability; - Development of microservices, including API contracts, database schemas, and inter-service authentication mechanisms; Development of master microservice for orchestrating and transaction rollback management
2021-2025	Ocean Protocol	Job Title: Software developer Context: Implementing monitoring system for benchmarking modules via P2P, implementing a SSI Policy Server for a new DDO assets verification and consumption. Environment technical details: React, Elasticsearch, RabbitMQ, Node, Express API. Responsibilities: - Design and development a system of monitoring peers; - Design and development of a Policy Server responsible of parsing and verifying DDO SSI credentials; - Develop GitHub Actions for linting, building across different Ubuntu versions, and running unit and system tests; - Create deployment scripts for Docker images to streamline the CI/CD process; - Build a lightweight P2P library for both client and server-side applications; - Collaboration with walt.id team as a credential verifier for Policy Server; Provide support and documentation for other teams PS

		integration;
2023-2025	AvangardMed - Medical information system	Job Title: Software developer Private Medical Institution Management Solution for patient service including Laboratory with equipment integration, Scheduler, ERP, HR, DICOM, Accounting. Environment technical details: .Net, REACT, RabbitMQ, SignalR, MicrosoftSQL, WCF. Responsibilities: - Designing system architecture, ensuring scalability, maintainability, and seamless integration of all core modules; - Development of back-end solutions using .NET, focusing on high performance and secure data processing; - Building reusable and modular front-end components using React, ensuring consistency and efficiency across the application; - Design and developed of a real-time notification system using SignalR, enabling instant communication and updates for users; - Development of a scheduler and resource management system for efficient operation of medical institution services; Collaboration with cross-functional teams to integrate ERP, HR, DICOM, and accounting modules, providing a unified solution
2019 - 2021	Telecom applications	Context: Telecom applications - prepaid, postpaid and convergent billing; messaging and browsing; rich media; Subscriber Data Management; Service Delivery Frameworks; Customer Management System; Revenue Assurance; Service Provisioning; reverse charging calls services implementation. Roles: Software engineer. Environment technical details: .Net, .Net2EE, Oracle 11g, jBoss, Linux/ Solaris, Web Services. Responsibilities: - Solutions design, development, unit and smoke testing, bug fixing; - Customer support and consultancy; - Application performance tuning; - 3rd party products integration on client side; - Documentation writing; - Final and intermediary product versions shipment