

Cristian Ionas

Romania, European Union | +40 757 971 210 | cristian@crisify.com | crisify.com | linkedin.com/in/cristianionas

Senior .NET Engineer | C# · Microservices | Contract (B2B), Remote

Senior .NET engineer with 6 years building high-throughput microservices for travel, insurance and SaaS platforms. Cut hotel-search latency from 3s to 200ms across 160 suppliers at On the Beach (UK). C# / .NET 10, AWS, event-driven architecture, SQL/NoSQL, React/Angular, AI-assisted development (Claude Code, MCP). Remote B2B contractor who ramps up fast and works independently, owning features end to end from design through testing to production.

CLIENTS



CORE COMPETENCIES

- Backend: C# 14, .NET Framework, .NET 10, ASP.NET Web API, Entity Framework, REST, SignalR, RestSharp, Dapper, NHibernate, SqlKata, LINQ, MassTransit, MediatR, Swagger, OpenAPI, PostgreSQL, SQL Server, MySQL, MongoDB, DynamoDB, Polly, Hangfire, Quartz.NET
- Frontend: Angular, RxJs, NgRx, React.js, TypeScript, JavaScript, Jasmine, Karma
- Cloud & Infra: AWS Lambda, Azure Functions, Amazon SNS, Amazon SQS, Amazon RDS, Amazon ElastiCache, Amazon EventBridge, Amazon Aurora, S3, Amazon CloudWatch, AWS Secrets Manager, Amazon MSK, AWS DMS, Azure AD
- Architecture & Data: Microservices, Distributed Systems Architecture, Domain Driven Design (DDD), CQRS, Event-Driven Architecture (EDA), Clean Architecture, Multi-Tenant Architecture, Redis, RabbitMQ, Kafka, Databricks
- DevOps & Testing: CI/CD, Azure DevOps, GitLab, GitHub Actions, ArgoCD, Datadog, New Relic, Helm, MSBuild, TDD, xUnit, MSTest, Moq, NSubstitute, FluentAssertions, Shouldly, AutoFixture, Docker, Kubernetes, Terraform, Nginx
- AI & LLM: AI-assisted development (Claude Code, Cursor), Claude Code customization (custom Skills, subagents, plugins, hooks, slash commands), MCP (Model Context Protocol), AI agents & tool calling, prompt engineering

PROFESSIONAL EXPERIENCE

TRAVEL BOOKING MANAGEMENT PLATFORM | ON THE BEACH | MAY 2025 - OCTOBER 2026

Senior .NET / React Engineer | Contract (B2B), Remote

Large UK travel booking platform for 1M+ customers in the UK and Europe, wanted to dominate the market and compete on hotel availability, pricing with 3rd-party supplier integrations across their search pipeline.

- Drastically improved search response times for low-latency reads at high throughput from 3s to 200ms, by searching in the database for availability combinations based on a pre-computed hash table and by re-using precalculated combinations from hashes for day availability.
- Scaled the Inventory Management System, by migrating the cache layer from SQL Server to DynamoDB, by consolidating all supplier data into a single source of truth for all downstream search systems.
- Streamlined search availability from 160 suppliers, by improving the REST microservice performance, by migrating from an SQL Server to PostgreSQL to handle high-volume data using Amazon ElastiCache (Redis) and C# and .NET.
- Eliminated availability gaps and stale cache data in the event-driven architecture by designing a Databricks and .NET microservice pipeline that auto-queries suppliers for fresh details for the primary cache for most popular searches.
- Strengthened supplier integration stability by implementing a Redis-backed distributed semaphore with a token bucket, with slot limits under high load, and retry policies using Polly for resilience and rate limiting with Nginx.
- Developed a greenfield module for a centralized supplier configuration system using React.js and .NET APIs.
- Used AI-assisted development (Claude Code, Cursor) daily for implementation, refactoring and test generation, cutting delivery time on migrations by 30%, and built custom Claude Code skills, subagents and hooks for the team.

Skills: C# 14, .NET 10, React.js, Databricks, RabbitMQ, New Relic, Docker, Redis, PostgreSQL, SQL Server, Dapper, LINQ, MassTransit, Scrutor, Polly, xUnit, Shouldly, NSubstitute, Amazon Aurora, Amazon DynamoDB, Amazon CloudWatch, Amazon ElastiCache, Terraform, ArgoCD, Claude Code, Cursor

FINANCIAL AND INSURANCE MANAGEMENT PLATFORM | ASURO | APRIL 2023 - MARCH 2025**Senior .NET/Angular Fullstack Developer | Contract (B2B), Remote**

A top German company in the insurance sector, wanted to scale and modernize their financial management platform for insurance brokers across Germany.

- Successfully supported 44k insurance brokers from the DACH region, by integrating with the 100 insurance companies from Germany for contract signing using REST microservices and .NET 8.
- Architected a greenfield application, by developing core transfer services applying choreography for life insurance, property insurance and pension schemes modules in .NET 8 and by integrating with the 3rd party, eDocBox for digital signatures.
- Ensured the stability of the whole platform, by developing the backward compatible migration process which automated all the processes from document generation to digital contract signing to a new workflow using Angular, C# and .NET WebAPI.
- Set up observability for performance monitoring purposes by interconnecting Datadog with Amazon SNS and Amazon SQS event processing, improving platform stability through Azure DevOps pipelines, deployment guidelines, and unit/integration tests using xUnit, FluentAssertions.

Skills: C# 12, .NET 8, Angular, RabbitMQ, Datadog, Docker, PostgreSQL, SQL Server, Entity Framework, Dapper, MediatR, MassTransit, AutoMapper, FluentValidation, Polly, xUnit, NSubstitute, Amazon EventBridge, AWS Lambda, Amazon SNS, Amazon SQS, Amazon RDS, Azure Functions, Microservices, CQRS

LICENSE MANAGEMENT PLATFORM | OPENLM | FEBRUARY 2022 - MARCH 2023**.NET/Angular Fullstack Developer | Permanent, Remote**

An innovative company from Israel, supporting Fortune 500 companies, such as Tesla, Disney and BMW, wanted to extend its offering regarding software license management and how licenses are allocated for large companies.

- Reduced license costs and developed a custom greenfield application for employee offboarding, by automatically de-provisioning licenses and by synchronizing Active Directory with AWS Secrets Manager and Kafka.
- Successfully enabled vast organizational data transfers, by integrating with Google Cloud Directory Sync to import all the company organizational hierarchy structure using C# and Google Admin SDK Directory API.
- Enhanced core functionality by designing and implementing a comprehensive notification system for email, ticketing, and push notifications using SignalR and integrating Google Firebase Cloud Messaging.

Skills: C# 10, .NET 6, Angular, Kafka, SignalR, Firebase Cloud Messaging, Docker, Redis, SQL Server, MongoDB, MySQL, Entity Framework, MediatR, AutoMapper, FluentValidation, Quartz.NET, xUnit, NSubstitute, AutoFixture, Amazon DynamoDB, Amazon MSK, Azure DevOps, Microservices, CQRS

SOFTWARE LICENSE MANAGEMENT SOLUTION | OPENLM | OCTOBER 2020 - JANUARY 2022**.NET/Angular Fullstack Developer | Permanent, Remote**

A major company from Israel, wanted to fulfill the needs for some of its large client base, by creating a custom on-point solution for software license management.

- Designed an on-point solution for manual synchronization, by developing a tool which allowed user property details to be synced to different proprietary applications by using Amazon SNS and Amazon SQS.
- Optimized costs related to license management, by developing modules to track and analyze cloud and SaaS services used including its licenses, extensions and features such as: Zoho CRM, Autodesk and Adobe product suite, providing detailed reporting and user management using C# and .NET Core.
- Increased the robustness of the system, by developing complex modules to handle dynamic form generation in real-time from the back-end structures using C# and Angular.

Skills: C# 8, .NET Core 3.1, Angular, Kafka, Docker, SQL Server, MongoDB, MySQL, Entity Framework, AutoMapper, FluentValidation, Hangfire, Puppeteer, xUnit, Moq, FluentAssertions, Amazon DynamoDB, Amazon MSK, Amazon SNS, Amazon SQS, Azure DevOps, Microservices

EDUCATION & PROFESSIONAL DEVELOPMENT

BSc in Information Technology | Technical University of Moldova, Chisinau, 2021

LANGUAGES

English (Advanced) | **Romanian** (Native)