

ANSAGAN ISLAMGALIEV

Senior Full-Stack .NET & React Engineer

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PROFESSIONAL SUMMARY

Senior full-stack engineer with 4+ years building enterprise software in C#, .NET 8, ASP.NET Core, React and Azure, currently for Chevron and Tengizchevroil. I modernize legacy applications: moving .NET Framework services to .NET 8, fixing slow screens, making web apps work offline for 500+ field staff, and speeding up release pipelines. Before software, I spent 6 years in oil & gas field operations.

TECHNICAL COMPETENCIES

Languages & Frameworks: C#, .NET 8, ASP.NET Core Web API, TypeScript, JavaScript (ES6+), React 18

Frontend & Visualization: React, Redux Toolkit, TanStack Table, Visx, D3.js, React Flow, Tailwind CSS, Vue.js, Dexie.js (IndexedDB), HTML5/CSS3

Backend & Cloud: ASP.NET Core Web API, .NET 8, Entity Framework Core 8, RESTful APIs, Clean Architecture, SQL Server, BFF Pattern, Microsoft Azure, Azure DevOps, Azure Service Bus, Azure Logic Apps, Azure Functions, Docker, CI/CD Pipelines, SonarQube

Architecture & Practices: Offline-First PWAs, Microservices & Distributed Systems, Policy-Based Authorization (MSAL), Performance Profiling, Domain-Driven Design

WORK EXPERIENCE

Senior Full-Stack Developer Jan 2024 – Present
Tengizchevroil / AtyrauTechInvest LLP (Chevron Central Agile Team) — Atyrau, Kazakhstan

Core engineer in Chevron's Central Agile Team driving Turnaround (TA) Progress and Turnover Notes digitalization across web, mobile PWAs, and BFF microservices.

- Fixed the slowest operational screens used by turnaround field teams by tuning .NET 8 / EF Core 8 queries and caching data client-side in IndexedDB.
- Added offline support to the field PWA and moved its browser storage from deprecated WebSQL to IndexedDB (Dexie.js) for 500+ field staff.
- Modernized backend Web API services from ASP.NET Framework 4.8 / EF6 to .NET 8 / EF Core 8, implementing custom policy authorization via Azure App Registration and MSAL.
- Rebuilt the Oracle Primavera integration on Azure Service Bus, Logic Apps and WebJobs, replacing the old batch sync with messaging.

.NET 8 ASP.NET Core Web API C# React TypeScript IndexedDB Dexie.js Entity Framework Core 8 Azure Service Bus
Azure Logic Apps Azure WebJobs MSAL Tailwind CSS

Software Developer Sep 2022 – Jan 2024
Tengizchevroil / Norec Delta Projects (Tengizchevroil) — Atyrau, Kazakhstan

Full-stack frontend and data visualization engineer developing enterprise applications TEA-RECS (Wombat), VISI (Visual Inspection of Shut-Ins), and Whitespace Dashboard (WSD).

- Engineered dynamic financial evaluation tools for Tengizchevroil Economics Acceleration via Rapid Evaluation Cycle Solution (TEA-RECS / Wombat), recognized as a key tool for Integrated Business Planning (IBP).
- Developed dual-axis virtualized smart data grids combining TanStack Table with React Window and React Context API for massive tabular datasets.
- Built customized interactive telemetry charts using Airbnb Visx and oil plant topology flowcharts in React Flow editor mode.
- Sped up .NET web app release pipelines on Azure DevOps and automated PR validation.
- Refactored oilfield simulation data backup workflows, lowering Azure Blob Storage expenditure.
- Implemented CI pipelines with SonarQube SAST security and vulnerability scanning on development branches.

React TypeScript .NET 6 C# Visx TanStack Table React Window React Flow Redux Toolkit Material UI Azure DevOps
Docker SonarQube

Frontend developer for Kazakhstan's leading travel and ticketing platform (Aviata / Chocotravel).

- Migrated customer-facing flight and train booking flows of chocotravel.com from a legacy PHP monolith to a Vue.js Single Page Application (SPA).
- Built responsive mobile web-view components and design-system UI components with Vue 3, Pinia, and Tailwind CSS.

Vue.js TypeScript Pinia Vue Router Tailwind CSS Vue Test Utils REST APIs

Geologist

Oct 2018 — Feb 2022

Karachaganak Petroleum Operating B.V. (KPO) — Aksay, West Kazakhstan, Kazakhstan

Geological monitoring specialist managing geodynamic field observation networks and industrial telemetry verification.

- Coordinated geodynamic monitoring across a network of seismological stations and deep monitoring wells for gas and groundwater surveillance.
- Assessed surface deformation risks and analyzed high-volume seismological data for field safety compliance.

Geodynamic Monitoring Telemetry Analysis Seismic Data Verification Risk Assessment

Mud Logging Engineer

Oct 2015 — Oct 2018

Schlumberger (SLB Logelco Inc) — Atyrau, Kazakhstan

Wellsite telemetry engineer monitoring drilling parameters, rock cuttings, and real-time computer data acquisition systems.

- Operated real-time computerized sensor telemetry systems recording rig operations, mud flow, and drilling mechanics 24/7.
- Acted as primary wellsite safety monitor detecting pressure anomalies and hazardous gas kicks.
- Formulated technical data reports for drilling superintendents and operating company engineers.

Real-Time Telemetry Industrial Sensors Wellsite Safety Systems Data Acquisition

ENTERPRISE HONORS & RECOGNITIONS

Chevron Surface Digital Platform (SDP) Challenge Coin (Chevron)	2024
Invaluable contribution to the upgrade of the TA Pro and TO Notes applications to Progressive Web Apps.	
TCO Recognition Certificate for Turnaround Digitalization (Tengizchevroil)	2024
Excellent Performance in Turnaround Digitalization.	
TCO Recognition Certificate for TEA-RECS (Tengizchevroil)	2023
Development of the TEA-RECS applications as a key tool for Integrated Business Planning (IBP).	

CERTIFICATIONS & CREDENTIALS

SAFe 6 Practitioner — Scaled Agile	2024-07	Verify ↗
ID: 49406639-9646		
Frontend Developer (React) — HackerRank	2023-11	Verify ↗
JavaScript (Intermediate) — HackerRank	2023-12	Verify ↗
ID: dd99e082ab79		
React. Development of Complex Front-end Applications — HTML Academy	2021-09	Verify ↗
ID: 1637434380		
JavaScript. Architecture of Front-end Applications — HTML Academy	2021-07	Verify ↗
ID: 1631417950		

EDUCATION & FORMAL QUALIFICATIONS

Bachelor of Engineering (B.E.) — Petroleum Engineering

2016 — 2019

Satbayev University (Kazakh National Research Technical University) (Almaty, Kazakhstan)

Associate of Science (A.S.) — Geological Methods of Prospecting and Exploration of Useful Minerals

2011 — 2015

Semey Geological Prospecting College (Semey, Kazakhstan)

LANGUAGES

Kazakh: Native (Ана тілі) Russian: Fluent / Bilingual English: Professional Working Proficiency