



# Gulali Gulaliyev

SENIOR FULL-STACK DEVELOPER

## PROFILE

Senior Full-stack developer with 5+ years of experience building scalable web applications and back-end systems. Strong background in TypeScript-based architectures, API design, data modeling, and designing reliable distributed workflows. Experienced in building end-to-end solutions from UI to database and background processing, with a focus on clean architecture, performance, and long-term maintainability. In addition to core product development, actively working with AI-powered features and LLM-based solutions. Proactive communicator with strong ownership mindset, comfortable collaborating in senior-level teams and driving features from idea to production.

## EDUCATION

Istanbul University. Master's Degree in Accounting. Azerbaijan State University of Economics. Bachelor's Degree in Accounting.

## EXPERTISE

JavaScript (ES6), Node.js, TypeScript, PHP • Node-sass, React, Redux, Redux-Thunk, React Hook Form, React Router, Redux Toolkit, Zustand, MUI, i18next, Axios, Yup, Three.js, React Three Fiber, Socket.io, async/await, Grunt, Prisma, tRPC

PostgreSQL, MongoDB, Redis, Pinecone • Vite, Vercel, Docker, npm, Inngest, LlamaIndex, Pusher

DigitalOcean

Vitest, React Testing Library, ESLint

ElevenLabs, AssemblyAI, AI SDK

GitLab, Git

Figma, Blender, Bootstrap, SCSS

## EXPERIENCE

08.2024 - Now

**Full-stack developer**

EPIKRA

E-Commerce

A digital marketplace platform for selling digital products such as game credits, subscription services, and e-pins. The platform focuses on secure payments, wallet management, and scalable backend architecture with event-driven processing and real-time transaction updates. The system also includes AI-assisted workflow automation built with n8n for internal support operations, intelligent search across operational data, and automated processing of payment and order events.

## EXPERIENCE

### Responsibilities

- Defined product vision, business model, and feature roadmap
- Designed and implemented scalable backend architecture using NestJS
- Designed database schema and handled migrations using TypeORM with PostgreSQL
- Implemented secure JWT-based authentication and role-based authorization
- Implemented retry strategies and fault-tolerant job processing
- Built wallet system for managing user balances and transaction history
- Implemented secure payment processing using Stripe with idempotent transactions
- Developed event-driven background workflows using Inngest
- Developed AI-assisted support tools and workflow automation using n8n to retrieve operational data and streamline internal processes
- Implemented real-time transaction updates using WebSockets

### Technologies and tools

JavaScript, React, React Hook Form, Nest.js, PostgreSQL, TypeORM, Redis, Stripe, Inngest, n8n, WebSockets, JWT, Swagger, Redux Toolkit, MUI, Yup, Axios, Docker, Git, LlamaIndex

08.2022 - 07.2024

### Node.js developer

*Under NDA*

Technology

A global digital content and payments platform that helps brands and telecom operators acquire, onboard, and monetize subscribers through operator-led subscription journeys. The ecosystem typically covers the full lifecycle - from promotion and landing pages to consent, subscription activation, recurring billing, and asynchronous notifications, designed for high conversion and reliable payment performance across many operators and markets.

### Responsibilities

- Developed and maintained telecom subscription landing pages for multiple operators
- Updated and refactored the SCSS architecture to improve maintainability and consistency
- Fixed responsive layout issues across portrait and landscape modes
- Implemented and maintained dynamic language-switching logic
- Adjusted background configurations and gradient overlays to align with design requirements
- Handled asynchronous workflows and event-based interactions, including real-time updates and background tasks

## EXPERIENCE

- Integrated backend APIs to support subscription flows and confirmation processes
- Implemented asynchronous workflows and background processing for external provider integrations
- Designed retry strategies and exponential backoff mechanisms for unstable external APIs
- Integrated speech APIs (ElevenLabs / AssemblyAI) for voice preview and audio processing features used in marketing campaigns
- Collaborated with designers and backend teams to ensure consistent UI behavior and seamless service integration

### Technologies and tools

JavaScript (ES6), Node.js, Node-sass, async/await, Promises, Grunt, PHP, Redis, npm, DigitalOcean, Blade Templates, ElevenLabs, AssemblyAI.

01.2021 - 07.2022

### Full-stack developer

*Banking Software Solution*

FinTech

A European banking application designed to provide secure and transparent digital finance services. The platform focuses on ethical banking principles, enabling users to manage accounts, transfer money, and access financial services with an emphasis on security, fairness, and customer trust.

### Responsibilities

- Implementing backend logic and RESTful APIs using Node.js, ensuring secure, efficient, and type-safe communication between client and server
- Designing and maintaining PostgreSQL database schemas, handling data modeling, queries, and migrations
- Integrating front-end components with back-end services via Axios
- Customizing MUI components with styled-components and a centralized schema
- Optimizing performance and maintainability of both client- and server-side components through refactoring and best practices
- Contributing to Redux-based state management and localStorage integrations • Writing and executing unit tests to ensure component reliability and stability
- Collaborating in Agile workflows, participating in code reviews, and working within a multi-branch GitFlow process
- Implementing background job orchestration using Inngest for handling asynchronous workflows and scheduled tasks
- Designing retry strategies and idempotent job handlers to ensure reliability of financial operations

## EXPERIENCE

### Technologies and tools

TypeScript, Node.js, React, Redux, Redux-Thunk, React Hook Form, React Router, MUI, i18next, Axios, Yup, PostgreSQL, Inngest, Docker, Vite, Vitest, GitLab, ESLint, Figma

09.2020 - 12.2020

### Front-end developer Portfolio Website

Information  
Services

Design and development of an interactive 3D personal portfolio website from scratch, combining modern web technologies with 3D rendering tools. The project showcases immersive 3D scenes created in Blender and exported as .glb files, rendered in-browser using Three.js with @react-three/fiber and @react-three/drei. It features custom lighting, shadows, environment maps, and camera transitions to deliver a dynamic user experience. A responsive layout was implemented in React to ensure cross-device compatibility, while interactive UI overlays were embedded directly into the 3D canvas using . Additional functionality includes persistent background music, a code rain visual effect, custom shaders, and real-time interaction with 3D elements. The website is deployed on Vercel with a custom domain.

### Responsibilities

- Designed the 3D environment and animations in Blender
- Implemented 3D model rendering using Three.js and React Three Fiber
- Developed a responsive single-page layout using React
- Integrated interactive camera transitions with React Three Drei
- Built a floating UI using HTML overlays inside the 3D scene
- Optimized performance using lazy loading and code splitting
- Added background music controller with persistence
- Created custom shaders for dynamic visual effects
- Deployed the project using Vercel with custom domain

### Technologies and tools

JavaScript, React, Three.js, React Three Fiber, Vercel, HTML, Git, Blender

04.2026 - 04.2026

### Full-Stack Developer Converter tools web

File  
Services

AnyFiles is a web-based file conversion platform built to help users convert files quickly, simply, and securely. The platform supports image and document conversion features such as JPG, PNG, WEBP, SVG and PDF-related tools. The main goal of the project was to create a clean, fast and user-friendly “no-distraction” solution where users can upload files, convert them in bulk, and download the result without complicated steps.

## EXPERIENCE

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The project was deployed in live mode with a custom domain, backend API, SSL configuration, Google Search Console setup, Google Analytics integration, sitemap/robots.txt preparation. You can test it yourself:

<https://www.anyfiles.online>

### Responsibilities

- Designed and developed the full application from scratch
- Implemented file upload and conversion logic for multiple formats
- Built REST API for handling file processing and job management
- Optimized performance for bulk file conversion
- Integrated error handling and stability improvements for large file processing
- Ensured secure file handling without persistent storage
- Configured deployment on AWS EC2 using Docker, Nginx and SSL
- Connected custom domain and API subdomain
- Set up Google Search Console, sitemap.xml and robots.txt for SEO indexing
- Integrated Google Analytics to track website traffic and user activity
- Added Google AdSense script and prepared the project for monetization
- Worked on UI/UX improvements, favicon, logo, footer, legal pages and responsive layout
- Focused on secure file processing without long-term file storage

### Technologies and tools

JReact, TypeScript, MUI, Node.js, Docker, AWS EC2, Nginx, SSL, Google Search Console, Google Analytics, Google AdSense, SEO, REST API, GitHub, Nest.js, Vercel

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