

# Artem C.

## Full-Stack Developer

### Summary of Qualifications

Full-Stack JavaScript Developer with 4 years of experience building scalable web applications across multiple domains. Strong expertise in Node.js (NestJS, Express) and modern frontend ecosystems (React, Next.js, TypeScript), with hands-on experience in designing end-to-end architectures, real-time systems (WebSockets), and AI integrations. Solid background in database design (PostgreSQL, MySQL), API architecture, authentication/authorization (JWT, OAuth, Auth0), and cloud-based deployments using Docker.

Comfortable working in Agile environments, contributing to architecture decisions, writing technical documentation, and collaborating within cross-functional teams. Focused on clean architecture, performance optimization, scalability, and delivering high-quality, maintainable solutions.

### Skills

#### Programming Languages / Technologies

- Software Architecture Design / UML / Design Patterns
- Technical Documentation / Architecture Reports / Proposals / SRS
- JavaScript / TypeScript
- XML / JSON / YAML
- Node.js
- HTML / CSS / SCSS / Sass
- SQL
- WebSockets

#### Developer Productivity AI Tools

- ChatGPT
- Claude / Claude Code
- Cursor AI
- Gemini

#### RDBMS

- MySQL Server
- PostgreSQL

#### NoSQL

- Redis
- Firebase
- MongoDB

#### Application/Web Servers

- Nginx
- Auth0

#### Virtualization Tools

- Docker

#### CI/CD

- GitHub CI/CD
- GitHub Actions

#### Frameworks/Libraries

- React.js
- Nest.js
- Next.js
- Express.js
- Redux
- Redux Toolkit
- Zustand
- React Hook Form
- React Context
- JSX/TSX
- Material UI
- Bootstrap
- Tailwind CSS
- React Query
- OpenAI
- Requests
- WXT

#### Version Control

- Git, GitHub, GitLab
- BitBucket

#### Testing Tools

- Postman
- Cypress
- Jest

#### Development Tools

- WebStorm
- JetBrains Products
- Visual Studio
- VS Code

#### Methodologies

- Agile, Scrum, Kanban
- Pair Programming
- Test Driven Development, Feature Driven

## Experience

### Project Description:

#### AI Character Chat Platform

Platform for creating and chatting with AI characters. Users create characters with preferences, chat via AI (OpenRouter, OpenAI), receive multimodal content (images, video, audio), and use automatic message moderation before sending.

### Domain:

AI, Social Platform, Content Generation

### Involvement Duration:

1 year

### Project Role:

Full-Stack Developer

### Responsibilities:

- Designed and developed full-stack features for an AI character platform using Node.js, implementing RESTful APIs and real-time chat functionality (WebSockets);
- Integrated AI providers (OpenAI, OpenRouter) to enable conversational flows, character personality configuration, and contextual memory handling;
- Implemented multimodal content support (image, video, audio generation and delivery) with secure file storage and streaming;
- Developed automatic message moderation pipeline (pre- and post-processing) to filter inappropriate content before sending messages to AI services;
- Designed and optimized database schemas (e.g., MongoDB/PostgreSQL) for user profiles, character settings, chat history, and media metadata;
- Collaborated on frontend integration, authentication (JWT/OAuth), role-based access control, and deployment pipelines (Docker, CI/CD).

### Project Team Size:

5 team members

### Tools & Technologies:

NestJS, Next.js, TypeScript, PostgreSQL, TypeORM, AWS ECS, AWS S3, Docker, ComfyUI, FishAudio, OpenRouter, OpenAI, Sanity CMS, REST API.

### Project Description:

#### AI website builder

The web platform featuring AI-driven website creation, integrated e-commerce solutions, automated domain registration, and custom email services. Built end-to-end functionality enabling users to launch professional websites with intelligent design generation, payment processing, and domain management through a single interface.

### Domains:

Web development

### Involvement Duration:

1.5 years

### Project Role:

Full-Stack Developer

### Responsibilities:

- Designed and implemented full-stack architecture for an AI-powered website builder using Node.js and React/Next.js;
- Developed RESTful APIs and backend services for domain management, email configuration, and user accounts;
- Integrated AI services (OpenAI / Anthropic API) for automated design and content generation;
- Built and optimized e-commerce features, including checkout flows and Stripe payment integration;
- Implemented real-time preview functionality and advanced state management on the frontend;
- Designed and optimized database schemas (PostgreSQL, Redis) to ensure performance and scalability;
- Implemented authentication and authorization (JWT, Auth0) and containerized services with Docker;
- Collaborated with cross-functional teams to deliver maintainable and high-quality solutions.



### Project Team Size:

8-10 team members

### Tools & Technologies:

Next.js, React.js, TypeScript, Redux, Formik, Turborepo, i18next, OpenAI, WebSockets, Anthropic API, Google Search Console, PostgreSQL, Redis, Auth0, Postman, Docker.

<b>Project Description:</b>	<b>High-Load Entertainment &amp; SaaS Platforms</b> Development and maintenance of high-traffic entertainment platforms, CMS systems, and SaaS solutions. Contributed to both legacy system modernization and greenfield product development, ensuring scalability, security, and stable performance under heavy user load.
<b>Domains:</b>	Web development, SaaS, Digital platforms
<b>Involvement Duration:</b>	1.5 years
<b>Project Role:</b>	Front-End Developer
<b>Responsibilities:</b>	<ul style="list-style-type: none"><li>▪ Developed and maintained multiple high-load web applications, delivering new features and improving existing functionality;</li><li>▪ Built scalable SPAs from scratch using modern frontend architecture and best practices;</li><li>▪ Integrated RESTful APIs and implemented secure JWT-based authentication and authorization mechanisms;</li><li>▪ Designed and developed responsive, user-centric interfaces aligned with business and product requirements;</li><li>▪ Optimized application performance, reducing load times and improving rendering efficiency in data-intensive environments;</li><li>▪ Implemented advanced state management solutions (Redux, Zustand, React Query) and handled complex asynchronous workflows;</li><li>▪ Collaborated with cross-functional teams (backend, QA, design, product) to ensure timely and high-quality releases.</li></ul>
<b>Project Team Size:</b>	5-7 team members
<b>Tools &amp; Technologies:</b>	React, Next.js, TypeScript, Axios, React Query, Redux, Zustand, MUI, Pixi.js, Git.

<b>Certificates</b>	<b>Complete Course in Modern TypeScript</b> Udemy 
	<b>Complete Course on JavaScript + React</b> Udemy 

<b>Education</b>	<b>Master's degree</b> National Technical University "Kharkiv Polytechnic Institute" Computer Science
	<b>Bachelor's degree</b> National Technical University "Kharkiv Polytechnic Institute" Computer Science

<b>Languages</b>	<b>English:</b> Upper-Intermediate
	<b>Ukrainian:</b> Native
	<b>Russian:</b> Native