

Andrew M.

Senior Full Stack Developer

SUMMARY

- Full Stack Developer with 8+ years of experience specializing in JavaScript/TypeScript, React, Next.js, Angular, Node.js (Express, NestJS), and cloud platforms AWS & Azure.
- Proficient in designing scalable architectures, REST & real-time APIs (Socket.IO), and working with RDBMS (PostgreSQL, MySQL) and NoSQL (MongoDB).
- Strong background in Computer Science (Master's degree) with expertise in OOP, design patterns, UML, and SDLC including Agile and TDD methodologies.

TECHNICAL SKILLS

Main Technical Skills	JavaScript (8 yr.), TypeScript (6 yr.), Node.js (6 yr.), React (5 yr.), Ext JS (3 yr.)
Programming Languages	JavaScript (8 yr.), Python (4 yr.), TypeScript (6 yr.)
JavaScript Libraries and Tools	AlpineJS (1 yr.), Redux-toolkit (2 yr.), RTK-query (2 yr.)
JavaScript Frameworks	Angular (1 yr.), Express (1 yr.), Ext JS (3 yr.), Node.js (6 yr.), React (5 yr.)
Mobile Frameworks and Libraries	Crashlytics
Python Frameworks	FastAPI (2 yr.)
Databases & Management Systems / ORM	AWS ElasticSearch (1 yr.), Microsoft SQL Server, MongoDB, MySQL (4 yr.), PostgreSQL (5 yr.), Prisma ORM, Redis (1 yr.), SQLite, Typeorm (4 yr.)
UI Frameworks, Libraries, and Browsers	Bootstrap 4 (3 yr.), Material UI (3 yr.), SCSS (1 yr.), Socket.io (1 yr.), Tailwind CSS (3 yr.)
Cloud Platforms, Services & Computing	AWS (2 yr.), Azure (2 yr.)
Amazon Web Services	AWS EC2 (1 yr.), AWS ECS (1 yr.), AWS ElasticSearch (1 yr.), AWS SDK (1 yr.)
Azure Cloud Services	Azure Blob Storage (1 yr.), Azure VM (1 yr.)
Methodologies, Paradigms and Patterns	Agile, FDD, OOP
SDK / API and Integrations	Collections API (2 yr.), FastAPI (2 yr.), GraphQL
QA, Test Automation, Security	Cypress (1 yr.), Postman (4 yr.), Unit Testing (4 yr.)

Virtualization, Containers and Orchestration	Docker (2 yr.)
Version Control	Git, GitHub, Github Actions
Deployment, CI/CD & Administration	GitLab CI
Message/Queue/Task Brokers	Kafka
Web/App Servers, Middleware	Nginx (1 yr.)
Mail / Network Protocols / Data transfer	WebSockets (1 yr.)
Other Technical Skills	RDS (1 yr.), Wagtail (1 yr.)

WORK EXPERIENCE

Full Stack Developer (Multi-branded Entertainment Platform Development)

Duration: 2 years

Summary:

- Development of a multi-branded online entertainment platform featuring a high-performance user-facing application and a custom CMS for centralized content management across different casino brands
- The platform supports multilingual content, promotional campaigns, and real-time casino streaming integration

Responsibilities:

- Developed core front-end architecture using Next.js and TypeScript.
- Built a flexible CMS for brand-specific content, promotional banners, game category sorting, multilingual content, and campaign management.
- Implemented brand dictionary system and AI-powered translation preserving content formatting and markup.
- Launched two casino brands powered by the CMS with unique content and configuration.
- Integrated external services such as Smartico, Fast Track, Zendesk, Discord Chat, and live streaming services.
- Implemented Kafka consumer for event processing and data persistence.
- Collaborated with DevOps for deployment and service communication.
- Participated in planning, feature discussions, code reviews, and performance optimization.

Technologies: Next.js, TypeScript, Nest.js, AI translation APIs, REST APIs, streaming service integration



Full Stack Developer (AI SAAS platform for natural language understanding)

Duration: 2 years

Summary:

- Development of an AI SaaS platform providing tools for analyzing conversational text such as support tickets, survey responses, and product reviews
- The platform uses containerized applications with GPU processing and is backed by AWS, GCP, and Azure infrastructure

Responsibilities:

- Front-end and back-end development.
- Implemented new front-end features and refactored existing code.
- API integrations and UI/UX improvements.
- Wrote Cron Jobs scripts and provided access to AWS and Azure DevOps.
- Created alerts for monitoring in Alert Manager.
- Performed unit testing and code reviews.

Technologies: TypeScript, React JS, Redux Toolkit, RTK, RTK Query, CSS, Tailwind, MaterialUI, Bootstrap, Python, FastAPI, MySQL, PostgreSQL, TypeORM, Unittest, Postman

Full Stack Developer (Model Training Service)

Duration: 1 year

Summary:

- Development of an automated visual inspection app for production quality using AI
- The system includes smart cameras and AI evaluation tools installed on assembly lines to evaluate images and control processes

Responsibilities:

- Improved system architecture and implemented new features.
- Front-end and back-end development.
- Integrated with third-party APIs.
- Application deployment, bug fixing, unit testing, and code review.

Technologies: Nest.js, Angular, Nginx, MaterialUI, Bootstrap, TypeScript, MySQL, TypeORM, Azure VM, Azure Storage, Docker, Unittest, Postman

Full Stack Developer, DevOps (Application for delivery of food from the restaurants chain)

Duration: 1 year

Summary: Designed and developed a food delivery application for a chain of Georgian restaurants, featuring real-time order tracking, payment system integration, and a loyalty program to increase revenue and customer retention.

Responsibilities:

- Front-end and back-end development.
- Implemented custom order options with ingredient customization and cooking method selection.
- Integrated multiple payment options for secure transactions.
- Developed unique user interface and experience.
- Implemented a loyalty program boosting customer retention.
- Improved system architecture and implemented new features.



- API integrations and application deployment.
- Implemented AWS infrastructure.

Technologies: Node.js, Express, TypeScript, PostgreSQL, React, Redux toolkit, JSX, AWS ECS, AWS EC2, AWS RDS, AWS SDK, Docker, Unittest, Postman

Full Stack Developer (Copy Trading & Invoice Management Platform)

Duration: 1 year

Summary: Development of a web platform for copy trading and invoice management, enabling users to follow trading activity with real-time updates and manage billing and invoices within the system.

Responsibilities:

- Front-end development using Next.js, TypeScript, Zustand.
- Back-end development with NestJS and Fastify.
- Implemented real-time features using Socket.IO (WebSockets).
- Designed and integrated REST APIs between front-end and back-end.
- Implemented new features and improved existing functionality.
- Fixed bugs and refactored for maintainability and performance.
- Code review and collaboration within a small team.

Technologies: TypeScript, Next.js, Zustand, Tailwind, Shadcn, NestJS, Fastify, Socket.IO

Full Stack Developer (Web Application for a scientific consulting company)

Duration: 1 year

Summary: Development of a web application for a scientific consulting company specializing in regulatory toxicology, risk assessment, data management, and computational modeling to assist organizations with regulatory compliance and chemical risk management.

Responsibilities:

- Front-end and back-end development.
- Implemented new features and refactored existing code.
- UI/UX improvements.
- Implemented AWS infrastructure.
- Unit testing and Cypress end-to-end testing.

Technologies: JavaScript, Typescript, React JS, Redux, CSS, SCSS, Wagtail, AlpineJS, Elasticsearch, Redis, PostgreSQL

EDUCATION

- **Master's degree in Computer Science**
Lviv Polytechnic National University, Lviv
- **Bachelor's degree in Computer Science**
Lviv Polytechnic National University, Lviv

CERTIFICATION

- **Front-End Pro**
Hillel IT school, Lviv



- **JavaScript Complex**
OktenWeb University, Lviv

