

Andrew M.

Full Stack Developer

Summary of Qualifications

I am a Full Stack web developer with more than 8 years of commercial experience, specializing in modern front-end development and building reliable back-end services with Node.js and JavaScript. I hold a Master's degree in Computer Science and have extensive experience working through the entire product development lifecycle, from architectural planning and technology selection to implementation, deployment, and ongoing maintenance. I focus on writing clean, well-structured, and maintainable code based on OOP principles, produce clear technical documentation, refactor and improve existing systems, write unit tests, and take an active role in code reviews.

Throughout my career, I have worked primarily with JavaScript and TypeScript, using React, Next.js, and Angular on the front end, and Node.js frameworks such as Express and NestJS on the back end. I have solid experience working with relational and NoSQL databases and building cloud-based solutions using AWS and Azure.

I believe that clear and consistent communication is a key factor in the success of any project – from understanding business requirements and aligning expectations to improving development speed and delivery quality. I work effectively both independently and within cross-functional teams, take full responsibility for my work, and continuously strive to improve my skills and contribute meaningful value to the products and teams I am part of.

Skills

Programming Languages/Technologies

- Software Architecture Design/UML/ Reverse Engineering/Design Patterns
- Technical Documentation/Architecture Reports/Proposals/SRS
- JavaScript/TypeScript
- NodeJS
- Python
- XML/JSON/YAML
- HTML/CSS/LESS/Sass
- SQL
- WebSockets

Developer Productivity AI Tools

- Cursor
- ChatGPT
- Github Copilot

RDBMS

- MS SQL Server
- MySQL
- PostgreSQL
- SQLite

NoSQL

- MongoDB
- Firebase

Methodologies

- Agile, Scrum
- Pair Programming

Frameworks/Libraries

- React.js (hook forms)
- Angular
- Nest.js
- Next.js
- Express
- TypeORM / Prisma ORM
- Redux toolkit
- RTK Query
- JSX
- Material UI
- Bootstrap
- AntDesign
- Tailwind CSS
- GraphQL
- main python libraries
- FastAPI

Application/Web Servers

- Apache
- Traefik

Cloud Providers

- AWS
- Azure

Development Tools

- PyCharm
- WebStorm

	<ul style="list-style-type: none">▪ Feature Driven, Behavior Driven Development <p>Operating Systems</p> <ul style="list-style-type: none">▪ Microsoft Windows▪ SUSE Linux▪ Debian/Ubuntu/LinuxMint <p>CI/CD</p> <ul style="list-style-type: none">▪ GitLab CI/CD▪ GitHub Actions	<p>Testing Tools/Libraries</p> <ul style="list-style-type: none">▪ Postman▪ Unittest, Mock▪ React testing library▪ Cypress <p>Versions Control</p> <ul style="list-style-type: none">▪ Git▪ GitHub▪ GitLab▪ BitBucket
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Experience	
Project Description:	Copy Trading & Invoice Management Platform A web platform for copy trading and invoice management. The product enables users to follow/copy trading activity with real-time updates and includes invoicing flows for managing billing and invoices within the system.
Domains:	FinTech / Trading
Involvement Duration:	1 year
Project Role:	Full Stack Developer
Responsibilities:	<ul style="list-style-type: none">▪ Front-end development (Next.js, TypeScript, Zustand);▪ Back-end development (NestJS, Fastify);▪ Implementing real-time features using Socket.IO (WebSockets);▪ Designing and integrating REST APIs between front-end and back-end;▪ Implementing new features and improving existing functionality;▪ Fixing bugs and refactoring for maintainability and performance;▪ Code review and collaboration within a small team..
Project Team Size:	4 team members
Tools & Technologies:	TypeScript, Next.js, Zustand, Tailwind, Shadcn, NestJS, Fastify, Socket.IO

	Multi-branded Entertainment Platform Development
Project Description:	Multi-branded online entertainment platform, using Next.js with a data-actions architecture. The project includes a high-performance user-facing application and a custom CMS for centralized content management across different casino brands.
Domains:	Entertainment
Involvement Duration:	2 years
Project Role:	Full Stack Developer
Responsibilities:	<ul style="list-style-type: none">▪ Developed the core front-end architecture using Next.js and TypeScript.▪ Built a flexible CMS to manage:<ul style="list-style-type: none">▪ Brand-specific content and text;▪ Custom promotional banners and images;▪ Game category sorting and organization;▪ Multilingual content and campaign management;▪ Implemented a brand dictionary system and AI-powered translation preserving content formatting and markup.▪ Successfully launched two casino brands powered by the CMS, each with unique content and configuration.▪ Integrated external services such as Smartico, Fast Track, Zendesk, Discord Chat, and live streaming services for real-time casino streams.▪ Implemented a Kafka consumer to listen to default data streams, process incoming events, and persist relevant data to the database.

Project Team Size: 8-10 team members

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

AI SAAS platform for natural language understanding

Project Description: AI SAAS platform that provides tools for analyzing conversational text, such as support tickets, open-ended survey responses, and product reviews. Built using containerized applications, that utilize GPU processing, and backed by AWS, GCP and Azure infrastructure, based on client's needs.

Domains: AI & Machine Learning | Natural Language Processing

Involvement Duration: 2 years

Project Role: Full Stack Developer

- Responsibilities:**
- Front-end development;
 - Back-end development;
 - Implementing new FE features;
 - Refactoring existing frontend code;
 - API integrations;
 - UI/UX improvements;
 - Writing of Cron Jobs scripts;
 - Providing access to AWS and Azure DevOps;
 - Creating alerts for monitoring in Alert Manager;
 - Unit testing;
 - Code review.

Project Team Size: 5-8 team members

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

Web Application for a scientific consulting company

Project Description: That company specializes in providing solutions and services in the areas of regulatory toxicology, risk assessment, data management, and computational modeling. The project aims to assist organizations in navigating the complex landscape of regulatory compliance, safety assessment, and chemical risk management.

Domains: Science Consulting

Involvement Duration: 1 year

Project Role: Full Stack Developer

- Responsibilities:**
- Front-end development;
 - Back-end development;
 - Implementing new features;
 - Refactoring existing code;
 - UI/UX improvements.
 - Implementing AWS infrastructure;
 - Unit testing;
 - Cypress e2e testing.


Project Team Size: 6-7 team members

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

Project Description:	Model Training Service An app has been developed for automated visual inspection of production quality using artificial intelligence. This system consists of two modules, which are smart cameras and AI evaluation tools respectively. They are installed directly on the assembly line and managed through the engine. The system is capable of evaluating incoming images at the assembly line and controlling further processes.
Domain:	AI & Machine Learning
Involvement Duration:	1 year
Project Role:	Full Stack Developer
Responsibilities:	<ul style="list-style-type: none">▪ Improving system architecture;▪ Implementing new features;▪ Front-end development;▪ Back-end development;▪ Integration with 3rd party APIs;▪ Application deployment;▪ Fix bugs;▪ Unit testing;▪ Code review.
Project Team Size:	6-7 team members
Tools & Technologies:	Nest.js, Angular, Nginx, MaterialUI, Bootstrap, TypeScript, MySQL, TypeORM, Azure VM, Azure Storage, Docker, Unittest, Postman.
Project Description:	Application for delivery of food from the restaurants chain Designed and developed a food delivery application for a chain of Georgian restaurants resulting in increased revenue and customer retention. Implemented real-time tracking of orders and deliveries, allowing customers to track their orders from start to finish. Implemented payment system User interface, loyalty program.
Domain:	Food Delivery
Involvement Duration:	1 year
Project Role:	Full Stack Developer, DevOps
Responsibilities:	<ul style="list-style-type: none">▪ Front-end development;▪ Back-end development;▪ Custom order options with ingredient customization and cooking method selection;▪ Integrated multiple payment options for seamless and secure transactions;▪ Unique user interface and experience distinguishing the application from competitors;▪ Successful implementation of a loyalty program boosting customer retention and repeat business for Georgian restaurants;▪ Improving system architecture;▪ Implementing new features;▪ API integrations;▪ Application deployment;▪ Implementing AWS infrastructure.
Project Team Size:	3-4 team members
Tools & Technologies:	Node.js, Express, TypeScript, PostgreSQL, React, Redux toolkit, JSX, AWS ECS, AWS EC2, AWS RDS, AWS SDK, Docker, Unittest, Postman.

Certifications	Front-End Pro Hillel IT school, Lviv
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	JavaScript Complex OktenWeb University, Lviv	
Education	Master's degree in computer science Lviv Polytechnic National University, Lviv	
	Bachelor's degree in computer science Lviv Polytechnic National University, Lviv	
Languages	English: Advanced Ukrainian: Native Russian: Native	