

Andranik Arakelyan

Full-Stack Developer | TypeScript | Node.js | React | NestJS

✉ andranik.arakelyan.me@gmail.com

🌐 <https://www.andranikarakelyan.com/>

📍 Yerevan, Armenia

Professional Summary

Dedicated Full-Stack Developer with 6+ years of experience building robust, scalable software solutions. Expertise in both backend and frontend development, with a focus on TypeScript, NestJS, React, and NextJS. Passionate about creating efficient systems that deliver real value, with experience in microservices architectures, API design, and modern development practices.

Core Technical Skills

Backend

Node.js (6+ years)
TypeScript (5+ years)
NestJS (4+ years)
PostgreSQL (5+ years)
MongoDB (3+ years)
GraphQL (2+ years)

Frontend

React (3+ years)
Next.js (2+ years)
JavaScript (6+ years)
HTML/CSS (6+ years)
Tailwind CSS (2+ years)

DevOps & Tools

Docker (4+ years)
AWS (3+ years)
Git/GitHub (6+ years)
Linux (6+ years)
CI/CD (3+ years)

Professional Experience

Full-stack Developer

Self-employed

Jan 2025 - Present
Yerevan, Armenia

- Designed and created ToolsZone.net, a comprehensive suite of browser-based utility tools
- Architected microservices-based language learning platform with web and admin panel applications
- Implemented features including YouTube media extraction and speech-to-text processing with Whisper

TypeScript NestJS React Next.js PostgreSQL MongoDB

Freelance Backend Developer

Self-employed

Sep 2024 - Jan 2025
Remote

- Developed robust APIs using NodeJS and TypeScript with NestJS framework
- Designed comprehensive unit tests to ensure API reliability and code quality

Node.js TypeScript NestJS PostgreSQL

Backend Developer

Feb 2021 - Oct 2022
Yerevan, Armenia

Teracloud Armenia

- Led backend architecture design for Blast TV gaming platform
- Developed RESTful APIs using NestJS and designed multi-PostgreSQL database architecture
- Integrated AWS S3, Sentry monitoring, and implemented microservices

Node.js

NestJS

PostgreSQL

AWS

Docker

Backend Developer

Mar 2020 - Jan 2021

Hexact

Remote

- Developed and optimized website monitoring platforms (Hexometer & Hexowatch)
- Implemented GraphQL APIs and optimized complex database queries
- Enhanced web crawling capabilities using Puppeteer

GraphQL

PostgreSQL

MongoDB

Puppeteer

Backend Developer

Dec 2018 - Mar 2020

Vishup Technologies

Yerevan, Armenia

- Designed backend architecture for smart home system (The Moon) and PC rental platform (Vishup)
- Implemented custom TCP communication protocol for real-time data exchange
- Created admin dashboard using VueJS for Z-Wave device management

Node.js

TypeScript

PostgreSQL

Vue.js

WebSocket

Frontend Developer

Sep 2018 - Dec 2018

ColibriLab LLC

Yerevan, Armenia

- Gained foundational experience in AngularJS, HTML, CSS, and JavaScript
- Implemented user authentication forms using Facebook and Google APIs
- Integrated Stripe payment form and developed user-facing features

JavaScript

AngularJS

HTML

CSS

Education

Computational and Applied Mathematics

2010 - 2012

Yerevan State University

Languages

Armenian

Native

English

Professional

Russian

Full Professional

For detailed portfolio, projects, and complete experience:

www.andranikarakelyan.com/portfolio