

Andrei Medvedkin

Full-Stack Developer & AI Automation Architect

 Georgia, Batumi



medvedkin.anp@gmail.com



[linkedin.com/in/andrei-medvedkin](https://www.linkedin.com/in/andrei-medvedkin)



<https://github.com/MedvedkinAP>



<https://medvedkin-ai-developer.bolt.host/>

Summary

Full-Stack Developer & AI Automation Architect

I bridge the gap between complex business logic and technical execution, specializing in high-speed MVP development and autonomous AI systems. With 10+ years of background in industrial finance and operations management, I engineer scalable solutions that don't just work, but actively optimize unit economics and eliminate manual overhead. I help startups transform raw concepts into market-ready products with integrated payments, automated workflows, and data-driven decision frameworks.

Skills

- **AI & Orchestration:** Advanced n8n workflow design, AI Agent architecture, LLM integration (OpenAI, Gemini/Vertex AI, OpenRouter, Perplexity), Multimodal processing (Text/Image/Video), ElevenLabs.
- **Development & Cloud:** React, bolt.new, Supabase (Postgres & Edge Functions), Telegram Bot API, REST APIs, Netlify, Google Cloud Platform (BigQuery, Cloud Console).
- **Data & Analytics:** Python (Pandas, Matplotlib), SQL, Power BI, Looker, Advanced Financial Modeling, Forecasting.
- **Business & Fintech:** Payment gateway integration (Stripe, Dodo Payments, Bank of Georgia), Process optimization, Unit Economics, Production Management.
- **Languages:** English (B2), Russian (Native).

Experience

Full-Stack Developer & AI Automation Architect (Freelancer)


Data Analyst at Modiak (Startup) <https://modiak.ge/>

Jun 2024 – Present (Freelancer)

- Conducted market research on internet search queries to assess app popularity and competitive landscape.
- Utilized Python for data processing and cleaning, uncovering user trends and growth opportunities.
- Diagnosed and resolved a regional settings issue, boosting iOS user engagement 3x.
- Developed monetization models and built interactive dashboards in Power BI and Looker to support revenue growth and decision-making.

Projects

Participant in “Gemini 3 Hackathon” (Devpost, Dec 2025 – Feb 2026) — developed the **NoBoundTalk is a convenient real-time translation platform with virtual rooms for multilingual communication**

 Project on Devpost: [profile](#), [project page](#)

Participant in “World’s Largest Hackathon by Bolt” (Devpost, May–June 2025) — developed the **BatuMove – Smart Voice Guide for Transport Batumi** app using AI and Bolt.new among 128,000+ participants.

 Project on Devpost: [profile](#), [project page](#)

BatumGet – Information website for tourists <https://batumget.com>:

- Designed site architecture and implemented data loading from external APIs (weather, currency exchange rates); built a Supabase database for popular routes; created dynamic content using n8n, AI agents, and web/Telegram parsing.
- Applied technology stack: React, TypeScript, Vite, Node.js, API services, responsive design.

- Implemented multilingual support (Russian, English, Georgian, Turkish) and basic SEO optimization.
- Integrated analytics systems GA4, Yandex Metrica, and Microsoft Clarity to track user behavior and analyze interaction paths.

Private Investor and Financial Advisor

Sep 2020 – 2024

- Developed an investment portfolio for asset management.
- Optimized the family budget based on financial planning.
- Provided consultancy in personal finance and investment.

JSC Angarsk Electrochemical Combine

<https://aecc.tvel.ru>

Head of the Planning and Economic Department

Mar 2016 – Sep 2020

- Developed a flexible system for forecasting and managing product costs, which positioned the company as second in the industry for cost efficiency,
- Collaborated with technical specialists to align production schedules with electricity tariffs, which increased product profitability by 1%

Deputy General Director for Economics and Finance

Jul 2015 – Mar 2016

- Led the transformation project of the financial and economic unit at the enterprise, successfully transferring part of the functions to a centralized center of excellence,
- Developed a system for decomposing high-level economic KPIs (Key Performance Indicators) down to lower-level department managers

Chief Economist – Head of the Planning and Economic Department

Apr 2010 – Jul 2015

- Led the project team in transitioning from the BAAN IV ERP system to SAP R3. The enterprise successfully migrated to the new system according to the schedule,
- Applied a marginal approach to assess the profitability of production, whereas the industry traditionally used the full cost method. This facilitated informed managerial decision-making, resulting in annual savings of about 5 million rubles

Education

2025 Google Cloud Skills Boost: certificate “Google Cloud Data Analytics”
Gained experience in cloud computing and Google analytics services (Google Cloud Console, Cloud Storage, Dataflow, BigQuery, Dataproc, Colab, Looker, Looker Studio, Dataplex) for data processing, analysis, visualization, and interpretation to support business decision-making

Google Cloud Skills Boost: certificate “Prompt Design in Vertex AI”

Stepik: certificate «Javascript»

2024 Slurm: certificate «Git»

Skillshop: Certification “Google Analytics”

Eduson

Course "Data Analyst": Business Data Analytics, Metrics Systems and Unit Economics, Probability Theory and Mathematical Statistics, A/B Testing, Data Visualization, Power Query, Microsoft Excel, Google Sheets SQL, Python, Results Presentation, Agile, Scrum
Data Analyst

2016 The Baikal International Business School (Institute)
MBA (Master of Business Administration), Business Administration and Management, General

2013 Baikal Center for Economic Education and Entrepreneurship (BCEEE)
Accounting, Auditing and Analysis, Economist

1994 Tomsk Polytechnic University
Engineer Physicist, Master's degree

Additional information:

Interest: Private investor in the stock market since 2016 (advocate of passive portfolio investment (ETFs))