

## Artyom Gulgulyan

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**PROFESSIONAL SUMMARY** Results-oriented **Engineering Manager / Tech Lead** with a track record of architecting distributed backend systems and mission-critical Web3 infrastructure. Expert in leading cross-functional teams to deliver end-to-end platform ecosystems, from smart contracts and AI-driven RAG pipelines to scalable microservices. Proven ability to apply first-principles thinking to solve complex technical challenges while ensuring high standards of security, performance, and team growth.

### CORE COMPETENCIES

- **Leadership:** Team Mentorship, Agile/Scrum, SDLC Management, Cross-functional Collaboration.
- **System Architecture:** Monorepo Design (Turbo), Microservices, Event-Driven Architecture, Scalability.
- **Web3 & Fintech:** Safe Multisig Orchestration, Transaction Safety, KYC/Compliance (Persona), DeFi.
- **AI & Data Strategy:** RAG Pipelines, LLM Integration, Real-time Data Streaming, Graph Indexing.
- **Infrastructure:** AWS Cloud, CI/CD Automation, Docker Orchestration, Cost Optimization.

### PROFESSIONAL EXPERIENCE

**Solicy (Yerevan) | Tech Lead / Senior Software Engineer | Nov. 2022 – Present**

- **Platform Ownership:** Architected and spearheaded the deployment of a modular monorepo (Turbo) comprising multiple NestJS services and a real-time WebSocket gateway, unifying logging and security protocols across the organization.
- **Technical Strategy:** Designed a resilient multisig infrastructure using Safe SDK and Privy, implementing pessimistic locking to eliminate race conditions in high-concurrency environments.
- **Strategic AI Integration:** Led the engineering of RAG pipelines for natural language querying, successfully integrating LLM capabilities into core product offerings.
- **Operational Excellence:** Automated deployment workflows via CI/CD and managed cloud infrastructure on AWS, significantly reducing time-to-market for new features.
- **Compliance & Risk:** Oversaw the integration of Persona KYC flows and automated on-chain synchronization, ensuring 100% compliance with security standards.
- **Team Leadership:** Directed full-cycle development for complex Web3 and DeFi applications, mentoring junior/mid-level engineers and establishing rigorous code review standards.
- **Blockchain Lifecycle:** Managed the complete lifecycle of custom EVM Networks (Testnet/Mainnet), ensuring 99.9% uptime for essential ecosystem dApps.

**FBF (Yerevan) | Software Engineer | Oct. 2021 – Dec. 2022**

- **Product Delivery:** Delivered scalable web applications and built robust RESTful APIs using Node.js and Express.
- **Database Engineering:** Optimized relational database architectures (PostgreSQL/MySQL), improving query performance and data consistency.
- **Collaboration:** Contributed to the full SDLC, collaborating with design and product teams to translate business requirements into technical solutions.

## EDUCATION

- **Bachelor of Science in Computer Science** | National University of Architecture and Construction, Yerevan.