

KYYAS ILMYRADOV

Senior Full-Stack Engineer | Web3 Integrations & AI Automation

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PROFESSIONAL SUMMARY

Senior Full-Stack Engineer with 6 active years of product delivery and architecting scalable systems. Across previous roles, I have built front-end and back-end systems that integrated APIs, connected third-party services, and leveraged emerging technologies—such as DeFi to transform finance and AI to deliver smarter, user-centric experiences. My stack includes FastAPI, Node, React, Next, Web3 and SQL.

WORK EXPERIENCE

TAPNATION

Senior Full-Stack Engineer

2025-10/2025

Remote, France

- Delivered a full-featured game publishing platform, cutting manual time by over 30% by lifecycle states, third-party integrations (Google Play Console, Apple App Store, Facebook Ads).
- Built scalable A/B testing infrastructure and real-time analytics dashboard for tracking user acquisition, monetization, and retention across iOS, Android, and Amazon platforms.
- Enabled data-driven game optimization through cohort management, statistical insights, and interactive metrics visualization, streamlining decision-making for publishers.
- Created an AI-powered marketing assistant that generates ad content, analyzes campaign performance, and recommends strategies to boost user engagement and ROI.

COINBEATS

Senior Full-Stack Engineer

2024-2025

Remote, Estonia

- Led the delivery of fintech education platform, reducing API response time by 45% through efficient caching and high-frequency data processing.
- Implemented Web3 wallet connections for a blockchain startup, enabling seamless Metamask and WalletConnect authentication, increasing user onboarding by 35%.
- Integrated AI-powered question-answering for crypto topics, improved user retention by 50% with personalized insights and automated responses.
- Designed interactive charts for live coin data using Chart.js and WebSockets, enhancing real-time financial visualization and user engagement by 60%.

ISLEG FILM

Lead Full-Stack Engineer

2022-2024

Remote, Turkmenistan

- Led the development of an online cinema and tv platform, integrated AI-driven features like personalized recommendations directly into the user interface achieving a 30% increase in user engagement.
- Integrated Web Vitals and Lighthouse into analytics workflows to ensure high performance scores across all user-facing dashboards.
- Directed the integration of outsourcing functionalities, including Google Photos, Kinopoisk.dev API parsing, and Google News, to streamline workflows and enhance moderator productivity.
- Analyzed system architecture and conducted code reviews, improved key inefficiencies that resulted in 35% reduction of server response times during peak usage hours while maintaining service reliability for over 100,000 users.

TIMAR HK

Back-End Engineer

2020-2022

On-Site, Turkmenistan

- Engineered a digital system for managing HR that increased our company's productivity by 30%.
- Managed extensive databases for an inventory tracking system built on distributed systems architecture, comprising more than 70 tables.
- Shipped vector-based search features using Pinecone & vector DB techniques to boost content retrieval speed.
- Reduced storage by 0.60 coefficient through advanced AWS cloud strategies, showcased proficiency in back-end optimization, cutting query execution times by 50% through smart indexing and caching.

EDUCATION

International University for the Humanities and Development

2020-2024

- Bachelor's degree: Computer Science
- Coursework: Data Structures, Algorithms, Databases, Statistics, Cybersecurity, Calculus

SKILLS

Programming Languages

- JavaScript (Node, React), Typescript(Nest, Next), Python (FastAPI), SQL, Solidity

Frameworks & Libraries

- Express, Redux, Thirdweb, SIWE (Sign-In With Ethereum), Context API, React Profiler, Material-UI (MUI), Ant Design, ShadCN, Coinbase, Coingecko, Dexscreener, Codex, CoinrankingDB, SendAI, LangChain, RAG, PyTorch

Databases & Data Engineering Tools

- Postgres, MySQL, TimescaleDB, MongoDB, ClickHouse, Redis, Pydantic, Alembic, SQLAlchemy, Sequelize, TypeORM, Prisma, Firebase, BigQuery, Vector DBs, Pinecone, Elastic Search

Software & Tools

- WebSockets, AI-powered APIs, AWS Textract, Tesseract OCR, Ethereum (Wallet Connections, Transactions, On-Chain Data Fetching), SDK Development, Browser Extensions, Git, Swagger, CSS, DeFi, SaaS, AI Security, OpenAI, BrianAI, LLMs, Cursor, Claude, Copilot, Unit Testing (Jest, Pytest), Integration Testing

DevOps, Monitoring & Observability

- Docker, Kubernetes, Nginx, Linux, CI/CD Pipelines, Deployments, Prometheus, Grafana, OpenTelemetry, Lighthouse, Web Vitals

Intangibles

- Organization, Empathy, Resilience, Leadership, Communication, Logical Reasoning, Solution Development, Data-driven Decision Making, Debugging & Problem Solving, SEO Optimization, Code Reviews, Mentorship