KYYAS ILMYRADOV

Senior Full-Stack Engineer | Web3 Builder | AI Innovator | Turkmenistan (OtR)

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Professional Summary

I'm a Senior Full-Stack Engineer with 6 years of impactful contribution crafting digital solutions that streamline operations and deliver meaningful results. I enjoy building systems that integrate APIs, connect third-party services, and tap into emerging technologies—like DeFi to transform finance and AI to create smarter, user-first experiences. My stack includes Node, Nest, React, Next, Web3, and SQL. I'm always learning and pushing boundaries to fuel innovation.

Education

International University for the Humanities and Development | Turkmenistan | 2020-2025

- Programming for Computer Systems | Bachelors degree
- Coursework: Data Structures, Algorithms, Databases, Statistics, Cybersecurity, Calculus

Skills

Programming Languages

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

Frameworks and Libraries

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

Software & Tools

- Sequelize, TypeORM, Prisma, Chart.js, Recharts, WebSockets, AI-powered APIs, PostgreSQL, MySQL, MSSQL, MongoDB, Firebase, Nginx, Linux, Ethereum (Wallet Connections, Transactions, On-Chain Data Fetching), Docker, Kubernetes, Git, Swagger, CSS, DeFi, BigQuery, OpenAI, BrianAI, LLMs

Intangibles

- Organization, Empathy, Resilience, Leadership, Communication, Logical Reasoning, Solution Development, Data-driven Decision Making, Execution

Work Experience

Senior Full-Stack Engineer • TapNation • Remote, France • 2025-08/2025   # 6

- Developed a full-featured gaming studio management platform, lifecycle states, and third-party integrations (Google Play Console, Apple App Store, Facebook Ads), cutting manual and deployment time by over 30%
- 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.

Senior Full-Stack Engineer • CoinBeats • Remote, Estonia • 2024-2025   # 5

- Developed a real-time crypto education platform, reducing API response time by 45% through efficient caching and high-frequency data processing
- Implemented Web3 wallet connections, enabling seamless Metamask and WalletConnect authentication, increasing user onboarding by 35%
- Integrated AI-powered question-answering for crypto topics, improving 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%
- Optimized back-end, cutting query execution times by 50% through smart indexing and caching

Lead Full-Stack Engineer • Isleg Film • Remote, Turkmenistan • 2024   # 4

- Led the development of an online cinema and tv platform, achieving a 30% increase in user engagement
- Developed the client side with React.js and TypeScript, integrating AI-driven features like personalized recommendations directly into the user interface
- Implemented real-time updates with Socket.io, improving user interaction and reducing server response time by 0.7 seconds
- Integrated Firebase for user authentication and data storage, resulting in a 2X increase in data retrieval speed
- Analyzed back-end architecture, identifying key inefficiencies that resulted in a 35% reduction of server response times during peak usage hours while maintaining service reliability for over 10,000 users

Lead Back-End Engineer • Timar HK • On-Site, Turkmenistan • 2022-2024   # 3

- Engineered a digital system for managing HR that increased our company's productivity by 30%
- Managed extensive databases for inventory tracking system, some of which comprise more than 70 tables
- Created 500+ APIs with Swagger docs designed for task management software
- Reduced storage by 0.60 coefficient through advanced AWS cloud strategies, showcased proficiency in back-end optimization

Back-End Engineer • Pikir • On-Site, Turkmenistan • 2021-2022   # 2

- Coded 5 apps/websites with integrated databases
- Improved the structure & functionality of 2 e-commerce platforms and 3 stock control systems
- Developed and deployed robust applications with 6+ software components, crafted 80+ pages, and upgraded user experience, leading to a 40% increase in app downloads and a 25% boost in user engagement
- Attained a 2.5X reduction in API response time, optimized system efficiency, and achieved a compelling 50% progress in overall performance
- Provided the client with powerful & multi-functional admin board attached 50 new features

Back-End Engineer • Geek Space • On-Site, Turkmenistan • 2020-2021   # 1

- Contributed to 3 projects, each segmented into 5 parts with 12 milestones, all carefully scheduled
- Architected and unit-tested over 100 APIs utilizing Mocha testing framework, ensured robust functionality and code integrity
- Excelled in designing secure databases and tables while adeptly defending them against cyberattacks
- Analyzed and tested technical aspects, successfully resolved bugs and reduced their occurrence by 32%