

KYYAS ILMYRADOV

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Professional Summary

I'm a Full-Stack Engineer with 5 years of experience crafting digital solutions that streamline operations and drive real impact. 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 - Ashgabat

- Programming for Computer Systems | Bachelors degree
- 09/2020 - 05/2025
- Coursework: Data Structures, Algorithms, Databases, Statistics, Cybersecurity, Calculus

Tongji University - Shanghai

- Architecture and Urban planning | Dual degree
- 09/2019 - 02/2020 | Unfinished because of COVID-19

Skills

Programming Languages

- JavaScript (Node.js, Nest.js, React.js, Next.js), Python, SQL, C++

Frameworks and Libraries

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

Software & Tools

- Sequelize, TypeORM, Prisma, Chart.js, 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

Intangibles

- Organization, Empathy, Resilience, Leadership, Communication, Logical Reasoning, Solution Development

Work Experience

Full Stack Engineer

CoinBeats • Estonia, Remote • 11/2024 - Present

- Developed a real-time crypto education & DeFi 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 backend, cutting query execution times by 50% through smart indexing and caching

Lead Full Stack Engineer

Isleg Film • Turkmenistan, Remote • 03/2024 - 12/2024

- 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 backend 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

Project Manager

Turkmen-Indian Ed. Center • Turkmenistan, Remote • 02/2024 - 05/2024

- Led a 3-member team, achieving 100% on-time, on-budget project completion
- Improved backend, reducing downtime by 40% and supporting 200% more traffic
- Optimized server deployment processes to ensure 99.9% uptime and high availability during peak loads
- Enhanced project efficiency by 30% and boosted client satisfaction by 25%

Lead Backend Engineer

Timar HK • Turkmenistan • 10/2022 - 05/2024

- 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 backend optimization

Backend Engineer

Pikir • Turkmenistan • 09/2021 - 10/2022

- 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

Backend Engineer

Geek Space • Turkmenistan • 01/2021 - 09/2021

- Led three 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%