



Arstanbek Usenov

Bishkek, Kyrgyzstan

Contact Info

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➦ Message on Telegram

Education

May 2023 - Jun 2023

Hero Training

Draper University, US

Sep 2021 - Jul 2022

Engineering Stream

Twente Pathway College, NL

Oct 2019 - Jun 2020

Java Backend Course

IT-Academy, KG

May 2019 - Jul 2019

Python Core Course

IT-Academy, KG

Languages

English

Advanced(C1) - IELTS 8.0

Russian

Skills

Programming Languages

Python, JavaScript, Java, SQL, Rust

Frameworks

Flask, FastAPI, Django, React, Vue.js, pinia, TailwindCSS, Express, Python-Telegram-Bot

Libraries

SQLAlchemy, Pydantic, Celery, authlib, alembic, pytest, asyncio, httpx, Pillow, uv, Poetry, Selenium, Babel

Tools

Git, pgModeler, Postman, DBEaver

Web3 / Blockchain

Solana, Anchor, Web3.py, Ethers.js, Viem, MetaMask SDK, Privy

Infrastructure

Docker, Google Cloud, AWS, DigitalOcean, Hetzner, Cloudflare, Coolify, Dokploy

Technologies

Redis, Typesense, Algolia, Meilisearch, Supabase, Google Gemini, Stripe, Polar, SendGrid, Sentry, Doppler, Posthog, Google Analytics

Creative

Figma, Premiere Pro, Photoshop, Lightroom, Audition, DaVinci Resolve, Canva, Mixxx, MuseScore

Experience

Full-Stack Engineer @ RW Community

April 2026 - Present (89 days) // Remote

- Architected and shipped a full-stack membership platform for a private members' club in Hong Kong with FastAPI, Vue 3 + TypeScript (PWA), and PostgreSQL — covering registration, tiered memberships, event booking, guest passes, and a points economy.
- Integrated Suprema BioStar 2 biometric door access over a WireGuard VPN, syncing membership state with face, QR, NFC, and mobile credentials so physical access reflects payment and tier status in real time.
- Designed a ledger-based points engine with per-batch expiry, tiered purchase bonuses, and referral rewards; shipped dual payment rails through Stripe with Celery-driven renewal reminders and reporting.

Intern Mentor & Software Engineer @ Atlabyte

January 2026 - April 2026 (90 days) // Bishkek

- Held a hybrid role spanning mentorship, engineering, and peer tutoring — supporting entry-level developers shipping into cybersecurity, e-commerce, and anti-fraud product tracks.
- Wired up internal tooling (CRM and team messaging integrations) into the development workflow to tighten the team's iteration cycle.
- Ran pairing, code reviews, and structured tutoring sessions to ramp junior engineers onto production codebases.

Technology Lead @ kasu.fun

April 2025 - June 2025 (61 days) // Remote

- Developed a Solana-based backend using Rust/Anchor and a Python client to power on-chain parimutuel betting and quiz mechanics.
- Built a full-stack web application with Python (Flask) APIs and a Vue.js frontend to enable quiz creation, participation, and leaderboard functionality.
- Integrated AI-driven components and external services (e.g., social media posting, dynamic image generation) to enhance user engagement and automate key workflows.

Chief Technology Officer @ Globalify

June 2023 - June 2025 (731 days) // Remote

- Designed and engineered a new SaaS product to commence the company's expansion into the global market.
- Directed a 5-member team, delivering 2 new SaaS products allowing the company to expand into new markets.
- Established a deployment infrastructure that would cut the deployment time by 50% and increase the reliability of the system.

Chief Technology Officer @ WIoT Technologies

June 2023 - December 2023 (183 days) // Bishkek

- Led the end-to-end development and deployment of WIoT's unified IoT platform, architecting a scalable infrastructure that aggregates and visualizes device data for businesses and homes in Bishkek.
- Designed and implemented robust integrations with diverse IoT devices and communication protocols, ensuring seamless data collection, real-time monitoring, and centralized management for end users.
- Directed full-stack engineering efforts, optimizing cloud-based services and platform features to deliver high-level overviews, analytics, and actionable insights across a city-wide network of connected devices.

Course Mentor @ CEC AUCA

March 2023 - July 2023 (122 days) // Kyrgyzstan

- Mentored over 25 students, breaking down complex problems, leading to a 95% in student project completion rates.
- Introduced innovative coding exercises that improved creative thinking and problem-solving skills.

Teacher @ Bilimkana-Bishkek

September 2022 - June 2023 (273 days) // Kyrgyzstan

- Developed and implemented a dynamic web development curriculum, improving student engagement and understanding, with a 20% increase in final project submissions.
- Conducted regular assessments, adjusting teaching methods to improve learning outcomes by 70%.
- Led coding workshops and interactive sessions, resulting in a 25% improvement in student engagement.

Python Developer @ DevelopsToday

August 2022 - February 2023 (177 days) // Ukraine (Remote)

- Maintained scalable, asynchronous systems, increasing the project's performance.
- Worked on crucial features that improved the user experience.

Software Engineer @ ESO Association

September 2021 - August 2022 (328 days) // The Netherlands

- Developed modular, reusable code across multiple projects, reducing project delivery times by 20%.
- Collaborated with 5 internal committees, introducing a brand new platform that increased Association's engagement by 80%.