

Bunyod Kholmatov

Senior Backend Engineer · Python

Astana, Kazakhstan | Open to relocation (UAE/Gulf, EU) & remote — visa sponsorship welcome

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SUMMARY

Senior Python backend engineer with 7+ years in product teams, building high-load, business-critical services. Currently own the entire backend of an AI "chief of staff" startup; previously spent ~2.5 years on a B2B SaaS no-code platform. Comfortable joining early-stage products, ramping fast on new domains, and taking complex systems to production. Strong across distributed systems, async processing, and cloud-native infrastructure.

EXPERIENCE

Fullstack Engineer — Solant

Feb 2026 – Present

Remote · Dubai-based startup

AI "chief of staff" that turns emails, meetings and chats into tasks, decisions and drafts (Gmail / Google Calendar integration).

- Own the entire product backend (Python / FastAPI) — APIs, data model, integrations and service logic; events over Kafka, caching/queues on Redis, PostgreSQL as primary store.
- Integrate pre-built ML / LLM models into core features (task & decision extraction, style-aware draft generation).
- Acting as de-facto backend lead after the previous lead's departure — driving technical decisions and backend direction.
- Build responsive transactional email templates for the mobile-first product.

Stack: Python, FastAPI, PostgreSQL, Kafka, Redis, Docker, Kubernetes

Senior Backend Engineer — ITMO University (R&D / product)

Jun 2023 – Oct 2025

B2B SaaS no-code platform for R&D teams (datasets → computation graphs → ML execution).

- Designed and built the backend (FastAPI, Django, PostgreSQL) serving ~50k requests/day.
- Built an SSO service for authentication across our microservices.
- Shipped a Triton Inference Server module for ML model execution, cutting inference time ~30%.
- Reworked CI/CD (GitLab, Docker, Kubernetes), cutting deploy time from ~2h to 20 min.
- Mentored interns and drove architecture decisions.

Stack: FastAPI, Django, PostgreSQL, SQLAlchemy, Docker, Kubernetes, Redis, RabbitMQ, CI/CD

Backend Engineer — ForestVPN

Jul 2022 – Jun 2023

Remote · Dubai-based startup

★ HackerNoon Startup of the Year 2023 — Winner (Dubai)

- Built a loyalty program and subscription system for ~100k MAU (Django, FastAPI, PostgreSQL, Redis), lifting engagement ~15%.
- Built user-activity analytics microservices (Redis, Elasticsearch, PostgreSQL), roughly doubling reporting accuracy.
- Integrated payment providers; introduced monitoring and alerting for critical services (AWS, Linux).

Stack: Python, Django, Celery, Kafka, Redis, MySQL, Docker · high-load systems

Backend Engineer — Doctis

Jul 2021 – Jun 2022

Telemedicine · remote patient-monitoring platform

- Built the backend API with async task processing (Django REST Framework, Celery), supporting up to ~500 concurrent users.
- Set up notifications and reporting, cutting missed events by ~60%.
- Ran code reviews, mentored juniors, contributed to architecture decisions.

Stack: Python, Django/DRF, Celery, PostgreSQL, MongoDB, RabbitMQ, Kubernetes, Docker

Backend Engineer — CyberFi

Feb 2021 – Feb 2022

Contract · Part-time · FinTech (DeFi / Web3)

- Built transaction processing for up to ~10k tx/day on Ethereum and BSC (Python, REST API, Celery, Redis, Docker).
- Integrated Web3 wallets and third-party APIs, improving service stability.
- Wrote unit/integration tests and periodic jobs; worked across SQL and NoSQL (PostgreSQL, MongoDB, MySQL).

Stack: Python, Django, PostgreSQL, Redis, Docker, Ethereum/Web3, Linux

Junior Backend Engineer — ServiceHUB

May 2019 – Dec 2020

Jobs marketplace

- Built full-text vacancy search on PostgreSQL across 100k+ listings.
- Built a chat + CRM prototype (Flask, Vue, MongoDB), speeding internal processes ~15%.
- Set up deployment (Kubernetes) and REST API testing.

Stack: Python, Django, PostgreSQL, MongoDB, ELK, Docker, Kubernetes

SKILLS

Languages	Python (primary), SQL, Bash
Frameworks	FastAPI, Django, DRF, Flask, Celery, asyncio, SQLAlchemy
Data stores	PostgreSQL, ClickHouse, MongoDB, MySQL, Redis, Elasticsearch
Messaging	Apache Kafka, RabbitMQ
Infra / DevOps	Docker, Kubernetes, CI/CD (GitLab, Jenkins), Nginx, AWS, Linux, Sentry
Practices	REST APIs, microservices, high-load systems, SSO / auth, ML model integration

EDUCATION

Plekhanov Russian University of Economics — Information Security / Security of Automated Systems 2017 – 2021

Faculty of Mathematical Economics, Statistics and Informatics.

Dubna State University — Summer School «Big Data Analytics» 2019

LANGUAGES

English — C1 (professional working) · German — B1 (limited working) · Russian — native