

Dauletkhan Assanov

🐙 github.com/ab-dauletkhan

🌐 linkedin.com/in/ab-dauletkhan

ab.dauletkhan@gmail.com

+7(705)700-2361

010000, Astana, Kazakhstan

SKILLS

- **Languages:** Go, Python, C, Javascript, SQL
- **Frameworks & Tools:** Git, Docker, PostgreSQL, MongoDB, Redis, AWS (S3, DynamoDB), React, Next.js, TanStack
- **Technologies:** Linux, NixOS, RESTful APIs, gRPC, CI/CD, FastAPI, Celery, Kafka, OpenAPI, OpenAI

EXPERIENCE

- **Network Application Engineer** Jan 2025 – Present
7Generation Astana, Kazakhstan
 - Mastered Cisco CCNA-level networking concepts and applied them in real-world infrastructure projects, including network configuration, troubleshooting, and optimization
 - Developed high-performance, low-latency code in C and Go to handle high-load systems, focusing on efficiency and scalability for critical network applications.
 - Deployed and managed Linux-based monitoring and logging systems (Zabbix, ELK Stack) and optimized Nginx configurations to enhance system reliability and performance
- **Full Stack Engineer** Feb 2025 – April 2025
GlobalOptima Technologies Astana, Kazakhstan
 - Optimized SQL queries by strategically reducing unnecessary joins, cutting query latency from 1.1s to 199ms (an 82% improvement), and implemented preloading to enhance data retrieval efficiency.
 - Refactored CI/CD pipelines by introducing parallelized testing in Go, reducing pipeline runtime by 33% (from 3 minutes to 2 minutes) and accelerating deployment cycles.
 - Developed a reusable custom React hook for QR code generation, improving front-end modularity and reducing redundancy across multiple application features.
- **Back End Developer** Dec 2023 – Mar 2024
AstanaHub Astana, Kazakhstan
 - Developed a scalable back-end server (Django), ensuring seamless deployment and environment consistency with Docker, implemented OpenAPI (Swagger) documentation to streamline API integration for front-end teams.
 - Designed and a data parsing script to extract, analyze, and store structured data from Excel and PDF files into a database, improving data accessibility and processing efficiency.

PROJECTS

- **☕ Hot-Coffee: Coffee Shop Management System:** Developed a robust backend management system for coffee shop operations using Go. Designed RESTful APIs for orders, inventory, and menu management with real-time tracking and automated reporting.
- **🌐 Distributed Object Storage System:** Developed a scalable, fault-tolerant distributed object storage system inspired by Amazon S3. Designed high-performance RESTful APIs for low-latency large-scale data operations
- **🖼️ CLI Image Processing Application:** Created a robust CLI-based image editing framework with custom image manipulation algorithms, supporting advanced tasks like multi-angle rotation, grayscale, and blur effects for efficient processing of large files

AWARDS

- **Meta Back-end Developer Professional Certificate** Oct 2023 – Dec 2023
Coursera Online
- **NeHackathon by Ismet.kz** Feb 2023
Hackathon Winner (2nd place out of 40 teams) Astana, Kazakhstan

EDUCATION

- **Bachelor of Science in Computer Science** Aug 2022 – Jun 2026
Nazarbayev University Astana, Kazakhstan
Coursework: Operating Systems, Computer Networks, Software Engineering, Database Systems, Computer Systems and Organization, Formal Languages, Artificial Intelligence, Discrete Math, Linear Algebra, Probability, Algorithms