

Seydulla Narkulyyev

SOFTWARE ENGINEER

Dubai, UAE

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Summary

Passionate software engineer dedicated to building scalable backend applications. Driven by system design, performance optimization, and security improvements across distributed systems. Strong problem-solving background with international mathematics awards, focused on creating innovative solutions to complex technical challenges.

Work Experience

Kinestex

Dubai, UAE

SOFTWARE ENGINEER

June. 2024 - now

- Designed and implemented a centralized authentication system that streamlined user access across multiple microservices
- Developed a comprehensive billing and subscription management system handling recurring payments and usage-based pricing models
- Redesigned database structures to improve read performance, decreasing query response times by 15%
- Conducted system-wide security improvements resolving critical vulnerabilities to enhance platform security
- Utilized Terraform to automate cloud resource provisioning, ensuring consistent infrastructure and simplifying environment management

Noldev

Talin, Harjuma, Estonia

SOFTWARE ENGINEER

March. 2023 - Feb. 2024

- Completed the back-end of a job search application's API from scratch using Node.js
- Integrated Redis and utilized caching to decreasing lookup times by 73%
- Developed a video-conferencing Progressive Web application utilizing SFU and P2P hybrid topology
- Used docker-compose for easy deployments independent of the deployment environment

Belli creative

Ashgabat, Turkmenistan

SOFTWARE ENGINEER

Dec. 2021 - March. 2023

- Optimized web performance by implementing techniques such as lazy loading, code splitting, and caching by 20%
- Wrote unit and integration tests which decreased the failure rates by at least 40% on deployments
- Optimized all Dockerfiles for the microservices that reduced the build times by 60% by using caching
- Interviewed 2 people for software engineer position

Honors and Awards

2019	Participation , International Mathematical Olympiad	Bath, UK
2019	Silver medal , National Mathematical Olympiad	Turkmenistan
2019	Gold medal , National Mathematical Project Olympiad	Turkmenistan
2018	Gold Medal , 7th International Amity Olympiad	Deli, India
2018	Silver medal , National Mathematical Olympiad	Turkmenistan

Skills

Programming Javascript, Typescript, Python

Frameworks Django, Express, React, Next

Tools and Environments Node.js, Docker, Unix/Linux, SQL, NOSQL, MongoDB, MySQL/PostgreSQL, Redis, AWS/GCP, Firebase, Git

Soft Skills Problem Solving, Attention to detail, Communication, Adaptability, Collaboration

Education

China university of Petroleum (Beijing)

Beijing, China

B.S. IN COMPUTER SCIENCE AND TECHNOLOGY

Sen. 2020 - Jul. 2024