

NURKHAT MURATKAN

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EDUCATION

Bachelor of Computer Science, SDU University 2021 - 2025
Object-Oriented Programming, Advanced Algorithms, Computer Networks(CISCO), Database Management Systems,
Web programming: back/front end. Fundamentals of DevOps, Linux Administration Linux, System Design AWS
Cloud Computing, Big Data
GPA: 3.4

SKILLS

Programming languages	Java, Python, TypeScript, GO
Frameworks & Libraries	Django DRF, FastAPI, Flask, Java Spring, JavaFX, Nest.js
Database	MySQL, PostgreSQL, MongoDB, Firestore, RabbitMQ, Redis
Others	Algorithms and Data Structures, Docker, Git/GitHub/GitLab, Postman,
	Cloud Computing
Soft skills	Quick learner, Teamplayer

EXPERIENCE

Game of Drones	Almaty, Kazakhstan
Software Engineer	December 2023 - February 2024

- Backend developer utilizing NodeJS NestJS Framework.
- Integrated CI/CD github actions, than deploy to GCP(Google Cloud Platform) ([Try it here](#)). Repository is private

Jasaw.shop	Almaty, Kazakhstan
Software Engineer	July 2023 - December 2023

- Backend developer utilizing Python Django REST framework.
- Integrated PostgreSQL for efficient database management and utilized Google Cloud APIs for SQL and Google Storage buckets to optimize data handling.
- Deployed with CI/CD the application on Vercel, ensuring seamless accessibility and scalability for enhanced user experience and performance. ([Try it here](#)). Repository is private

SDU Technopark	Almaty, Kazakhstan
Assistant && Software && Hardware Engineer	January 2022 - Present

- Development graphical user interfaces for hardware projects using JavaScript and HTML.
- IT-Park projects related to controllers Arduino, ESP

PROJECTS

Telegram bot Designed and implemented a feature-rich Telegram bot utilizing JavaScript, integrating OpenAI's ChatGPT API, and the DaVinci voice-to-text converter. ([Git Repository](#))

Marketplace Jasaw A comprehensive commercial marketplace using the Python Django framework for the backend. Integrated PostgreSQL for reliable database management and leveraged Google Cloud API for SQL and Google Storage segments to ensure seamless storage and retrieval of data. The application has been successfully deployed on Vercel. ([Try it here](#)). Repository is private

Unt Informatics. Built a backend tool to prepare for United General Testing by using Python, Django and MongoDB. At the Startup Demo Day, an investment of 500,000 tenge was awarded to this project. ([Try it here](#)) ([Git Repository of backend server](#))

Shecker: Self-Service Fridge for Vending

Engineered the backend for an innovative self-service vending fridge, integrating Kaspi QR Pay to facilitate seamless payment transactions. Designed and implemented a comprehensive admin panel to manage courier operations, monitor product inventories, and track purchases in real-time, enhancing operational efficiency and user experience.

EXTRA-CURRICULAR ACTIVITIES

- **Membership in Hello Turing.**

A mentoring program that will provide understanding of the IT market in Kazakhstan, and provide both the fundamental technical knowledge required for the development and the application of the knowledge gained in real projects.

- **Member, University ACM ICPC Club.**

Participated in weekly coding competitions and practice sessions. Represented the university in regional ACM ICPC contests. Enhanced problem-solving, algorithmic thinking, and teamwork skills. Achieved first place in the university championship for competitive programming as part of a team.