

Sanzhar Kuatov

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Final-year Software Engineering student (BSc Hons, Sunway University), eager to apply for an AI/ML Engineer Internship role. Can contribute hands-on experience integrating LLMs into production tools - including a Claude AI-powered Telegram bot and an AI coaching platform - along with skills in Python, data processing (Pandas, MySQL), and applied machine learning (Scikit-learn) to help build and ship reliable AI-driven features.

EDUCATION

BSc (Hons) Software Engineering

Sunway University
CGPA 3.7 · Dean's List every semester

Expected to graduate Aug 2027
Selangor, Malaysia

Software Engineering

Alma Almaty Management College
CGPA 3.6

2021 - 2024
Almaty, Kazakhstan

EXPERIENCE

Lab Apprentice

HUMAC Lab

Feb 2025 - May 2026
Selangor, Malaysia

- Coordinated task tracking and sprint planning via Jira for a cross-functional team building a library robot from concept to deployment.
- Assembled the robot's electrical and mechanical components, and set up its networking infrastructure - configuring access points and routers for reliable on-site wireless connectivity.
- Developed the Datastation App to scan library books and sync them over the network into the robot's database, handling 200+ book scans in a single sync.
- Tested and debugged hardware-software integration, resolving syncing issues between the scanning app and the robot's onboard systems.

Python Raspberry Pi SQLite Jira Networking

Automation Intern

Galanz Bottlers

Oct 2023 - Dec 2023
Almaty, Kazakhstan

- Automated the company's daily birthday-card process end-to-end - extracting that day's birthdays from the employee database, transforming the data into personalized messages, and auto-generating and emailing cards to every department, removing a manual daily HR task.
- Built a Telegram bot query interface that returns any employee's details in a single message, replacing a multi-click lookup process and cutting search time for HR and staff.
- Built an HR FAQ Telegram bot backed by a database of common employee questions, escalating unanswered queries to a dedicated web dashboard - reducing repeat walk-in questions to HR.
- Built a Telegram bridge to the company's IT Helpdesk system, extending IT support access to offices outside Almaty with no direct system access.

Python Telegram Bot API MySQL Automation

PROJECTS

License Plate Detection & OCR (PlateScan)

Personal Project

Jul 2026

- Built a Flask app that detects license plates in uploaded photos with a fine-tuned YOLOv8 model, then reads the plate text via EasyOCR, returning an annotated image and per-plate confidence scores entirely in memory, containerized with Docker for deployment.

Python YOLOv8 EasyOCR Flask Docker

Used Car Price Predictor

Jul 2026

Personal Project

- Cleaned and engineered features from a ~19k-listing scraped used-car dataset, then trained and evaluated a scikit-learn regression pipeline (median error $\approx 14\%$, $R^2 \approx 0.71$), served through a Flask web app deployed on Vercel for instant price estimates.
- [Python](#) [scikit-learn](#) [Pandas](#) [Flask](#)

AI-Powered Telegram Expense Tracker Bot May 2026

Personal Project

- Built a Telegram bot query interface using Claude AI to automatically record and categorize personal expenses, generating aggregated spending reports for any custom date range to support quick financial decisions.
- [Python](#) [Claude AI](#) [MySQL](#)

AI Growth Coach Platform Aug 2025 - Feb 2026

Personal Project (co-built with a friend)

- Developed a full-stack web platform, used by 100+ users, to track personal goals, habits, and daily reflections guided by an AI coach - built the frontend in HTML/CSS/JavaScript and the backend and database logic in PHP, integrated Node.js for the AI coaching features and Razorpay for subscription payments, and deployed it live on Namecheap hosting.
- [PHP](#) [Node.js](#) [JavaScript](#) [Razorpay](#)

SKILLS

Fundamentals	Data Structures & Algorithms (Proficient), Object-Oriented Programming (Proficient)
Programming Languages	Python (Proficient), SQL (Proficient), PHP (Intermediate), JavaScript/TypeScript (Beginner), Java (Intermediate)
Tools & Platforms	REST APIs (Proficient), MySQL (Proficient), Git (Intermediate), Telegram Bot API (Proficient), Flask (Intermediate), Node.js (Beginner), Claude AI / LLM Integration (Intermediate), Razorpay Payment Gateway (Familiar)
Data & ML	Pandas (Intermediate), scikit-learn (Intermediate), YOLOv8 (Familiar), EasyOCR (Familiar), Jupyter (Familiar)
Deployment & Hosting	Vercel, Docker, Namecheap, Hostinger (Familiar)

LANGUAGES

English	Fluent
Chinese	HSK 1 (Elementary Proficiency)
Russian	Native
Kazakh	Native

ACHIEVEMENTS

WorldSkills Competition	2024
3rd place; built a full-stack web, mobile, and desktop booking app in a 2-day competition.	
Programming Competition	2023
Competed in a college-level algorithmic problem-solving contest.	
Step Academy	2022
Completed a 3-year programming and design program (HTML/CSS, Python, C++, Java, Swift, JavaScript, Unity, Arduino, IoT).	