

DAULETKHAN ASSANOV

010000, Astana, Kazakhstan

 github.com/ab-dauletkhan  linkedin.com/in/ab-dauletkhan  ab.dauletkhan@gmail.com  +7-705-700-2361

Education

Bachelor of Science in Computer Science

August 2022 – June 2026

Nazarbayev University

Astana, Kazakhstan

- Awarded full scholarship worth \$45,000 in recognition of outstanding academic and extracurricular performance
- Relevant Coursework: Performance and Data Structures, Computer Systems and Organization, Programming Languages, Probability, Calculus I & II, Linear Algebra

Meta Back-end Developer Professional Certificate

October 2023 – December 2023

Coursera

Online

- Rigorous series of 9 courses taught by Meta developers, covering: Programming in Python, Version Control, Databases, Django Web Framework, APIs, Back-End Development, The Full Stack, Capstone Project, Coding Interview Preparation

Experience

Python Back-end Developer

October 2023 – March 2024

Pro Skill, AstanaHub

Astana, Kazakhstan

- Build a robust RESTful API for corporate finance tracking app with DRF by improving data accessibility and scalability
- Implemented Test-Driven Development principles and wrote over 1200 lines of unit tests
- Designed and implemented a complex database system with PostgreSQL to connect accounts, incomes, expenses, transactions from different sources
- Wrote Python scripts to extract transactions from .pdf, .xlsx, .txt and .csv files, ensuring data integrity
- Established automated build and deployment workflows (CI/CD), ensuring smooth integration of Django and React for consistent and efficient development and bug-free deployment

Projects

WhatsApp Assistant Bot | *Python, Flask, OpenAI, Webhook, Websockets*

February 2024

- Developed a Whatsapp Assistant Bot utilizing OpenAI's API to provide intelligent responses and assistance to user queries, enhancing user experience and engagement
- Implemented backend functionalities using Python and Flask framework to handle incoming messages and deliver appropriate responses
- Configured webhook integration with Ngrok to enable real-time and asynchronous communication between the Flask and the Whatsapp API, ensuring reliable and efficient bot performance in a development environment

Restaurant System with API | *Python, Django, Restful API, React, PostgreSQL*

December 2023

- Built a robust and scalable API for a restaurant using Django, enabling diverse client applications
- Implemented user-centric design for multiple roles (admin, manager, crew, customer) within the API

Extracurricular

'NeHackathon' by Google Developer Student Club

October 2023

Hackathon Winner. 2 place out of 40 teams

Astana, Kazakhstan

- Led a team of 5 engineers to develop and present a prize-winning grocery shopping application in just 60 hours
- Designed and implemented a scalable, user-friendly grocery shopping app architecture using React Native and Firebase, leveraging real-time product price data retrieval and geolocation services to deliver the best price for users
- The project was recognized for its creativity and practicality in addressing real-world challenges in the grocery shopping domain

Road to the A* Club

November 2022 – May 2023

Mathematics and ICT Tutor for NIS High School senior year students

Remote

- Increased student pass rates by 19% and boosted exam scores by an average of 30% in CIE and IGCSE exams, helping over 88% of students achieve their desired grades
- Improved student satisfaction by 24% and enlarged mentorship enrollment by 10% with effective advertisement

Technical Skills

Languages: Python, C++, SQL, Javascript

Developer Tools: Linux, Git, Docker, ZSH, VS Code, ASDF, Poetry, Heroku, Vercel, DigitalOcean

Technologies/Frameworks: FastAPI, Django, Flask, PostgreSQL, MongoDB, Vue, React, Websockets, Redis