

# Zhuldyz Namazbayeva

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## EDUCATION

- Nazarbayev University** Nur-Sultan, Kazakhstan
  - Bachelor of Computer Science* August 2018 - May 2022
    - **Relevant courses:** Algorithms, Data Structures, Microcontrollers, Computer Systems and Organization, Artificial Intelligence, Software Engineering, Discrete Mathematics, Calculus, Linear Algebra, Database Systems, Deep Learning

## EXPERIENCE

- Aviata** Almaty, Kazakhstan
  - Frontend Developer Intern, Chocotravel App Team* February 2022 - May 2022

Vue.js Tailwind CSS PHP TypeScript

    - Created new components and transformed the code architecture from monolith to microservices, which led to 2x web application performance improvement of the avia and railways tickets reservation system used by more than **1 million people**.
    - Fixed 20+ minor and major bugs, reducing the instances of bugs by 15%.
- KazAeroSpace** Nur-Sultan, Kazakhstan
  - Frontend Developer Intern, 2D GIS Mapping Web Platform Team* May 2021 - August 2021

React.js Redux TypeScript OpenLayers Python Django SQL

    - Built functions for web mapping platform (adding location pointers, barricade management, route-finding) in 2D and 3D maps, which led to UI/UX improvement.
    - Improved the accuracy of finding the shortest path by 10% using Dijkstra's algorithm.
- Nazarbayev University** Nur-Sultan, Kazakhstan
  - Research Assistant* January 2021 - June 2021

Python PyTorch Research

    - Assisted in developing Convolutional Neural Network classifiers for P300 signals in brain-computer interface system, which is used for turning thoughts of written letters into on-screen text.
    - Achieved the highest of 89% accuracy by implementing one convolutional layer neural network and applying hyper-parameter tuning.
- MethodPro** Almaty, Kazakhstan
  - SWE Intern* June 2018 - August 2018

Kotlin Java SQL

    - Developed a prototype of a mobile customer service rating application in collaboration with 4 teammates, which is used by **80+ thousand customers** of company "Technodom".

## PROJECTS

- Web application of a hotel chain system** Nur-Sultan, Kazakhstan
  - Autumn 2020*

Java JavaScript MySQL RestAPI Maven

    - Developed a hotel room booking web app with Java server-side back-end, front-end and database in a team of 5 people.
    - Took ownership of Middle Tier and Database Tier of the project and achieved delivery of all functionalities (sign-in, registration, bookings management and reservation creation).

## ACHIEVEMENTS

- **6th place out of 54 teams** at "AITUHACKDAY: Creative Industry" Hackathon in 2022 with analysis model.
- **1st place out of 18 teams** at MethodPro Hackathon in 2019 with Android rating application with analytics.
- **3rd place out of 40 teams** at Technovation Challenge in 2018 with IOS anonymous chat with psychologists app.

## PROGRAMMING SKILLS

- **Languages:** JavaScript, Python, C++, Java
- **Technologies:** Vue.js, React.js, SQL, SpringBoot, Git, Node.js
- **Knowledge:** Algorithms, Data Structures, Concurrent Computing