

# Sherbolot Arbaev

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## EDUCATION

### Issyk-Kul State University

Sep 2019 - May 2023

Computer Science / Software Engineering, **Cumulative GPA: 3.58/4.00**

**Areas of interest:** Frontend development, Graphic design

**Awards:** National Youth Entrepreneurship Cup Enactus Kyrgyzstan 2022 (2nd place out of 20 teams). Was an active student and chairman of the student union.

## WORK EXPERIENCE

### Mancho Devs

Nov 2021 - June 2023

Frontend Developer

- Developed **adaptive** and **cross-platform** websites using **React**, **Next.js**, **Redux**, **SCSS**, and **TypeScript**.
- Led the implementation of **optimization** strategies resulting in notable improvements in website **speed** and **performance**.
- Utilized advanced **caching techniques** to enhance user experience and page load times.

### WEDEVX

June 2023 - Present

Software Development Engineer

- At WEDEVX, I collaborate with teams to develop robust backend solutions using technologies like **NestJS**, **Fastify**, **Node.js v20**, and **PostgreSQL**. I play a key role in integrating essential services such as **AWS Lambda** and **AWS IAM**.
- One of my major accomplishments has been implementing quizzes on the platform, which generated over **800 leads** for free trials and ensured these leads were saved to the **CRM**. Through my optimization efforts, I achieved a **38% improvement** in our **codebase performance**.
- I also work on **Soft Skills AI**, incorporating advanced AI features like speech-to-text, image recognition, and **AWS S3** integration.
- Additionally, I'm enhancing our **DevXAI** feature, designed to help our students with debugging and assisting with exercises.

## PROJECT EXPERIENCE

### M/A Trade

May 2022 - Aug 2022

Frontend Developer

- Built a web application from the ground up utilizing **React**, **Chakra UI**, and **TypeScript**.
- Achieved a remarkable **98.5% improvement** in website speed and performance.
- Additionally, integrated a secure payment feature using **Stripe**.

### Ortodont Group

Sep 2022 - Jan 2023

Full-Stack Developer

- Contributed to the development of a comprehensive application by designing and implementing **front-end** and **back-end** functionalities.
- Focused on creating intuitive user interfaces and optimizing for **SEO** using a technology stack featuring **React**, **Next.js**, **SCSS**, **Material UI**, **TypeScript**, **Node.js**, and **GraphQL**.

### Jarvis GPT

Feb 2023 - June 2023

Full-Stack Developer

- Led the development of Jarvis GPT, a cutting-edge project that harnessed **OpenAI's** latest advancements. Implemented advanced features encompassing text-to-speech, image recognition, multi-language speech-to-text (**Whisper**), and **GPT-4**.
- Orchestrated the seamless integration of innovative AI functionalities, elevating both user experience and application capabilities.
- Played a pivotal role in shaping the architecture and backend development of Jarvis GPT, fostering smooth communication between diverse modules and **optimizing** overall system **performance**.

## SKILLS & INTERESTS

**Skills:** JavaScript, TypeScript, Node.js, Nest.js, Express, Fastify, MySQL, PostgreSQL, MongoDB, GraphQL, Supabase, Prisma, Git, Docker, React, Next.js, Redux, HTML5, CSS3, Sass, Tailwind CSS, Material UI, Chakra UI, AWS, Framer Motion, Three.js

**Languages:** English, Kyrgyz, Russian

**Interests:** Play Piano, Ski sport