

# Diyorbek Sadullaev

Senior Software Developer | Warsaw, Poland

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## EDUCATION

### Polish-Japanese Academy of Information Technology

Oct. 2020 – Jun. 2024

*Bachelor of Science in Computer Science*

Warsaw, Poland

- **Overall GPA:** 4.3/5.0
- **Relevant Courses:** Algorithms & Data Structures, Relational Databases, Network Programming

## EXPERIENCE

### Pinterest Inc.

May 2023 – present

*Sr. Software Engineer (JavaScript/TypeScript, React JS)*

- Worked on Gestalt design system: component development and maintenance.
- Added and standardized animation elements of Gestalt design system.
- Improved accessibility and UX of Pinterest web application by rehauling several key components.
- Added RTL support and resolved a critical bug in the video player of Pinterest mobile web application.
- Introduced isolated stacking context approach for better overlay component behavior and DX.
- Provided valuable on-call support to internal engineers, strengthening team problem-solving.

### Super Dispatch Inc

Sept. 2019 – Feb. 2023

*Sr. Frontend Developer (JavaScript/TypeScript, React JS)*

- Implemented the frontend of the rating system including rating notifications and rating responses.
- Developed the frontend of carrier verification process of transportation management system.
- Created integration module for the 3rd-party payment system which always holds consistent data despite the synchronization delay between the payment system and the backend.
- Optimized WebSocket connections significantly in ReactJS applications using Shared Workers.
- Reduced the crash rate by 30% by fixing the asset loading issue in React JS applications.
- Built the design system components for web applications on top of Material-UI.

### PeriPlus AG

Dec. 2018 – Sept. 2019

*Frontend Developer (JavaScript/TypeScript, React JS, React Native)*

- Built React Native mobile application for container number recognition.
- Built the frontend of document recognition and classification application in React JS.

## PROJECTS

### Transliterator 🔄

- Transliterator for Uzbek words with high accuracy (from Latin alphabet to Cyrillic and vice versa).
- Transliterates MS Word files, converts old DOC files to DOCX with LibreOffice CLI
- Rich exceptional words list and perfect handling of morphological exceptions
- The transliteration library is also used at **Fonetika.Uz** (application that divides Uzbek words into syllables)

### Peer-to-Peer Chat Application 🔄

- A CLI chat application based on P2P connection written in C++.
- Uses **UDP Hole Punching** technique for establishing P2P connections.
- Peers exchange their IPs through the rendezvous server and the server doesn't participate during the messaging.

## SKILLS

**Languages:** JavaScript, TypeScript, C++, Java, C#, HTML5, CSS3, SQL (Oracle SQL, Ms SQL, PostgreSQL)

**Frameworks/Libraries:** React JS, React Native, Node.js, Boost C++, JavaFX, .NET

**Tools:** Git, Docker, CMake, Linux Command-line