# Bekhzod Allaev

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## EDUCATION

**Vizja University**                                              2022 – 2026 (Expected)
*Bachelor of Computer Science*                                        *Warsaw, Poland*

- Coursework: Java, JavaScript, Rest-Oriented Web Services, Software Engineering, Networking, Databases, Operating Systems, Algorithms and Data Structures.

**42 Warsaw**                                                              2024 – 2025
*Peer-to-Peer Programming Curriculum*                                 *Warsaw, Poland*

- Coursework: Algorithms, System Programming, C, Shell Scripting, Collaborative Coding, Problem Solving.

## TECHNICAL SKILLS

- Languages: JavaScript/TypeScript (proficient), HTML/CSS (proficient), Java (familiar)
- Technologies: React, Node.js, Bootstrap, Sass, Git, Github, MySQL, PostgreSQL, Agile, Jest, Docker, Redis, Figma, Linux, AWS

## EXPERIENCE

**Software Engineer**                                         September 2024 – Present
*Andersen Lab*                                                        *Warsaw, Poland*

- Designed and developed RESTful APIs using NestJS and PostgreSQL, handling 10K+ daily requests with high reliability.
- Implemented microservices communication via RabbitMQ, improving system modularity and reducing inter-service latency by 25%.
- Integrated Redis for session management and caching, cutting database read operations by 40%.
- Developed reusable and modular frontend components with React and React Hooks, improving maintainability and reducing feature delivery time.
- Integrated frontend components with backend APIs using Axios and React Query for seamless end-to-end functionality.
- Wrote unit and integration tests for both backend (Jest) and frontend (React Testing Library), achieving 85% test coverage.
- Created and modernized CI/CD pipelines for both frontend and backend microservices, ensuring smooth and efficient code delivery.
- Worked cross-functionally with PMs, designers, and QA to deliver user-centric features in Agile sprints.

**Frontend Web Engineer Intern**                              July 2023 – October 2023
*Xperi Inc.*                                                          *Warsaw, Poland*

- Mastered JavaScript and VueJS 3, leveraging expertise to create dynamic web components that significantly enhanced user experiences.
- Increased user satisfaction scores by 20% by integrating seamless third-party services and external APIs, delivering a feature-rich user experience.
- Utilized advanced CSS 3 animations, reducing loading times by 30% and enhancing user engagement with seamless transitions and captivating effects.
- Pioneered CI/CD pipeline using CodeShip, reducing deployment times by 50% and increasing build quality consistency; enabled the team to push features to production twice as fast.

## PROJECTS

**Jumping Dinosaur Game** | *JavaScript, HTML5, CSS3*                              2024

- Developed a browser-based jumping dinosaur game inspired by the classic Chrome offline game, providing users with an engaging and fun experience.
- Implemented game logic with smooth controls, real-time score tracking, and dynamic difficulty scaling for an increasing challenge.
- Utilized JavaScript's Canvas API for seamless animations and collision detection. (Link)