




## CONTACT ME

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## EDUCATION

### Jagiellonian University B.Sc. in Applied Computer Science

2023 - Present (Expected  
Graduation: July 2026)

- Relevant Coursework & Achievements:
  - Web Techniques: Grade 5 (A)
  - Computer Networks
  - Java programming language
  - C++ programming language
  - Algorithms & Data Structures

## SKILLS

- Fluent English
- Polish - native
- Proven group collaboration
- Team coordination experience

## PASSIONS

- **Competitive Volleyball:** Developed team strategies and building positive relationships through amateur league play
- **Calisthenics Training:** Cultivated discipline and incremental progress mindset through strength training
- **Video Production:** Enhanced project planning and organizational skills through directing short films (pre-production to post-production)

# Mikołaj Kowalski

software developer

## PROFILE

Applied Computer Science student at Jagiellonian University with strong academic JavaScript/TypeScript and Java knowledge. Proven experience in building full-stack applications using modern web technologies with emphasis on REST API development and relational databases. I can easily adapt to new technologies. Experienced with AI-assisted development using tools like GitHub Copilot, DeepSeek, chatGPT and v0. Actively participating in the developer community through conferences and meetups such as WarsawJS. I am seeking long-term collaboration to grow technical skills while making meaningful contributions to team. I value team relationships as highly as technical skills.

## TECHNICAL SKILLS

- Languages: JavaScript, TypeScript, Java, SQL
- Frontend: React, Next.js, HTML/CSS, Angular, Tailwind CSS, shadcn, Aceternity UI, Material UI, RESTful API Integration
- Backend: Node.js, Express.js, Spring Boot, REST API Design
- Databases: MySQL (Relational Databases)
- Concepts: Microfrontends, OOP, Functional Programming, MVC, REST, Computer Networks, Responsive Web Design
- Tools: Git, Docker, Nx, VS Code, npm, pnpm

## EXPERIENCE

### Software Development Intern - BEC Financial Technologies

July 2025 - September 2025

- Developed full stack independent web app for exposing test environments using express.js for a backend and vanilla Js for the frontend. This involved collaborating with devOps to understand deployment pipelines
- Accessibility (A11Y) Improvements for Design System Components. This involved collaborating closely with UX designers and other developers. Solved problems with keyboard navigation.
- Performed Angular (18 → 20) and Nx upgrade across multiple microfrontends and internal libs. Investigated migration gaps and wrote Node.js scripts to handle incomplete Nx migrations
- Created Angular Schematics for Micro Frontends (MFEs). This required understanding of the MFE architecture and code generation patterns

Tools: JS/TS, Angular, Node.js, git, Jenkins, Bitbucket, Jira

## PROJECTS

### Secure Cloud Storage Platform | Collaborative Full-Stack Project

- Co-developed containerized (Docker) system with Express.js backend + Next.js frontend (both in Typescript) and MySQL database
- My Contributions: Implemented Google OAuth2 authentication, admin link-generation endpoints, implemented and designed routes of the app, implemented communication with the server (data fetching)
- Infrastructure-Relevant Elements: REST API design, role-based access control
- Team Workflow: Git version control, task delegation

<https://github.com/majkser/storage-monorepo>