

DEMIRHAN YALCIN

COMPUTER SCIENCE STUDENT
SPECIALIZED IN DATABASE SYSTEMS

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SUMMARY

Computer Science student specializing in Database Systems, with experience in C#, Java, Kotlin, Python, and SQL. Skilled in backend development (ASP.NET Core, Node.js) and database design. Passionate about building efficient systems and solving problems.

EDUCATION

2022 – Present (Expected Graduation: 2026)

Polish-Japanese Academy of Information Technology, Computer Science, **Bachelor's Degree**

- **Databases & Systems:** Database Systems, Relational Databases, Database Applications in C#
- **Programming & Development:** C and C++, Universal Programming Techniques in Java, Object-Oriented Programming, GUI in Java, Network Programming in Java

PROJECTS

- **FLY** - A full-stack social media platform built with ASP.NET Core (C#) & Node.js, featuring user authentication, post creation, reactions, admin moderation, and SQL Server database management.
- **TypeBlitz** - A JavaFX-based typing speed training app with real-time performance tracking, customizable difficulty levels, and progress analytics.
- **BOXING-CLUB** - A membership & training management system built with Microsoft SQL Server & Oracle SQL, featuring member registration, training schedules, payment tracking, and structured database management.

TECHNICAL SKILLS

- **Programming Languages:** Java, C++, C#, Python, Kotlin, SQL (Oracle, Microsoft SQL Server)
- **Backend Development:** C# REST API development, Node.js backend development
- **Frontend & UI Frameworks:** JavaFX, Jetpack Compose, HTML, CSS, Javascript, React
- **Database & Data Management:** Database design, SQL (Oracle, Microsoft SQL Server)
- **Version Control & Tools:** Git, GitHub
- **Software Development Concepts:** Object-Oriented Programming (OOP) principle, SOLID principles

SOFT SKILLS

- **Quick Learner** – Self-taught multiple frameworks and languages, applying them effectively in academic and personal projects.
- **Adaptability** – Learned and applied new technologies like .NET and Node.js, quickly adapting to different tech stacks while developing full-stack applications.
- **Attention to Detail** – Designed and optimized database schemas, minimizing redundancy and improving query efficiency.
- **Independent Problem-Solving** – Researched and implemented new technologies to overcome technical challenges in personal and academic projects.

DEVELOPER EVENTS & COMPETITIONS

- **DevFest 2024 Warsaw** Attendee | *Google Developer Event*
Engaged in technical talks and workshops on Google technologies, AI, and cloud computing.
- **Hackathon Krakow 2022** Attendee | *Developer Hackathon*
Gained insights into hackathon workflows, idea validation, and rapid prototyping.
Connected with developers and mentors, expanding knowledge of real-world coding challenges.