

# DEMIRHAN YALCIN

## COMPUTER SCIENCE STUDENT

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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 (Specialization: Database Systems), **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

- **(1 MONTH) 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.
- **(2 WEEKS) TypeBlitz** - A JavaFX-based typing speed training app with real-time performance tracking, customizable difficulty levels, and progress analytics.
- **(2 WEEKS) 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
- **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.