

# DEMIRHAN YALCIN

Software Engineer Intern

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## SUMMARY

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I am a **third-year** Computer Science student at PJATK. Through academic projects, I have gained experience in **Java**, **C#**, **SQL** and **.NET**. I am currently enrolled in a course for the **AWS Certified Cloud Practitioner** and plan to obtain the certificate in the summer of 2025. I am also learning **Jetpack Compose**, and **React**. I am a **strong team collaborator** and I **adapt quickly**.

## EDUCATION

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**Polish-Japanese Academy of Information Technology**

*Computer Science, BSc*

**Oct 2022 – Feb 2026**

*Warsaw, Poland*

**Academic Activities:**

- *Student Council (International Commission) at PJATK*
- *DevFest Warsaw Attendee*
- *Hackathon Krakow Attendee*

## PROJECTS

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**Feel Like Yourself: Social Media Platform** [↗](#)

**Jan 2025**

*C#, JavaScript, EJS, Node.js, CSS, HTML, SQLite, REST-API, ASP.NET*

- \* Developed a social media platform to enhance user interaction through posting, liking, and browsing shared content, with admin capabilities for management and moderation.
- \* Backend built with **C#** and **ASP.NET**, featuring authentication, pagination, and structured data access; integrated with **SQLite** and utilized Entity Framework for ORM.
- \* Frontend rendered using **EJS**, **HTML**, **CSS**, and **JavaScript**, styled for usability and responsiveness; client-server interaction handled through **REST APIs**.

**TypeBlitz: A Multilingual Typing Speed Game** [↗](#)

**Nov 2024**

*Java, JavaFX, JavaFX CSS, Multilingual Dictionary Support*

- \* Designed and developed **TypeBlitz**, a JavaFX-based typing game to help users improve typing speed and accuracy through real-time feedback and multilingual support.
- \* Implemented core features including **random word generation**, **color-coded feedback**, and **score tracking**, enhancing engagement and interactivity.
- \* Built with **Java**, **JavaFX**, and **JavaFX CSS**, and supported dynamic dictionaries for **multilingual gameplay**.

**Boxing Club: SQL Database** [↗](#)

**Nov 2024**

*SQL, Microsoft SQL Server, Oracle SQL, Vertabelo*

- \* Designed and implemented a relational database system for a boxing club to manage operations including boxers, matches, sponsors, trainers, and weight classes.
- \* Defined a structured SQL schema with referential integrity, enabling efficient data storage, retrieval, and analysis for decision-making.
- \* Created and tested in both **Microsoft SQL Server** and **Oracle**, with reusable scripts for schema creation, data insertion, and analytical queries.
- \* Implemented complex SQL queries, stored procedures, and triggers to automate scoring logic, enforce business rules, and support advanced analytics.

## ACADEMIC ACTIVITIES

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### Student Council of Polish-Japanese Academy of Information Technology

Oct 2022 – Current

Student Council Member

Warsaw

- Actively participated in the Cultural Committee at PJATK to enhance student engagement and foster a welcoming campus environment.
- Attended university events and connected with students to gather insights and feedback for improving student life.
- **Shared suggestions** for future activities based on student interests and feedback, contributing to the planning of social initiatives.

### DevFest Warsaw

November 2024

Attendee

Warsaw

- Engaged in technical talks and workshops on Google technologies, AI, and cloud computing.

### Hackathon Krakow

November 2022

Attendee

Warsaw

- Gained insights into hackathon workflows, idea validation, and rapid prototyping.
- Connected with developers and mentors, expanding knowledge of real-world coding challenges

## CERTIFICATIONS & TRAININGS

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- Foundational C# with Microsoft Certification 
- Responsive Web Design 

## TECHNICAL SKILLS

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- **Programming Languages:** Java, C++, C#, Python
- **Backend Development:** C# REST API development, Node.js backend, EJS development, ASP.NET
- **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, Swagger, Postman
- **Software Development Concepts:** Object-Oriented Programming (OOP) principles, SOLID, DRY, KISS, YAGNI

## SOFT SKILLS

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- **Key Skills:** Teamwork, Leadership, Communication, Multitasking, Attention to Detail
- **Language Skills:** Turkish (Native), English (Fluent), Polish (Beginner)