

# Daria Sianska

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## Profile

A motivated and detail-oriented Junior Full Stack Developer with a robust academic foundation in Computer Science.

Proven proficiency in back-end development using **PHP (Laravel)** and **Java (Spring Boot)**, and in creating modern, responsive front-end interfaces with **Next.js** and **SCSS**. Experienced in database management with **PostgreSQL** and **Oracle**, as well as in software design (OOP, StarUML) and embedded systems. Seeking a challenging full-time position to apply Full Stack skills in developing scalable and performant web applications.

## Technical Skills

- **Languages:** Java, PHP, JavaScript, HTML, CSS, SQL.
- **Frameworks & Backend:** Laravel, Spring Boot, REST API.
- **Frontend:** Next.js, React (Basic knowledge), SCSS, Tailwind, Bootstrap.
- **Databases & Tools:** PostgreSQL, Oracle Database, Git, GitHub, Postman, Figma.

## Education

**Bachelor of Computer Science** Odesa Polytechnic National University, Ukraine | 2022 – Present

**Secondary School** №1, Odesa, Ukraine | 2011 – 2022

## Projects & Experience

### FULL-STACK DEVELOPMENT: NEXT.JS WEB APPLICATION

- **Tech Stack:** Next.js, PostgreSQL , SCSS.
- Developed a fully responsive Full-Stack web interface, utilizing **Next.js** to focus on high performance and modern rendering.
- Integrated a **PostgreSQL** database and implemented back-end logic (e.g., using Next.js Server Components) for efficient and secure data management.
- Applied modern styling approaches using **SCSS/Tailwind CSS** to ensure cross-browser compatibility and modular design.

### DATABASE DEVELOPMENT AND IMPLEMENTATION

- Architected and deployed an optimized **PostgreSQL** database for a construction company.
- Implemented a complex data structure, including **tables, views, triggers, stored procedures, and queries** for advanced data manipulation.
- Performed query optimization and data validation to ensure the accuracy and integrity of thousands of data elements.

### ORACLE APEX WEB APPLICATION (ACADEMIC PROJECT)

- Designed and developed a data-driven web application using **Oracle Application Express (APEX)**.
- Created interactive reports, forms, and charts to visualize and manage data effectively.
- Managed the underlying **Oracle Database**, ensuring data integrity and optimizing SQL queries.

### OBJECT-ORIENTED PROGRAMMING (OOP) PROJECT

- Designed the software architecture using **StarUML** to create class diagrams and define system structure.
- Developed **Java** applications by strictly applying core **OOP principles**, including classes, inheritance, and interfaces.
- Collaborated effectively in a team environment to complete the project, demonstrating strong communication and teamwork skills.

## EMBEDDED SYSTEM SIMULATION (ACADEMIC PROJECT)

- Developed and simulated a microcontroller-based project using **Arduino** and **Proteus**.
- Designed electronic circuits and wrote code to control hardware components.
- Performed testing and debugging in a simulated environment to validate functionality before physical implementation.

## Languages

- Ukrainian: Native
- Russian: C2
- English: B2
- Czech: B1-B2