

SKERDIAN SHEHAJ

Java Backend Developer | API & Data Integration

Tirana, Albania | skerdianshehaj@gmail.com | +355 69 302 7148

github.com/skerdishehaj | linkedin.com/in/skerdianshehaj | www.skerdi.tech

PROFILE

Java backend developer with **3+ years of experience** at CData Software building JDBC drivers and API integrations. Develops SQL interfaces for external data sources, optimizes data processing, and delivers maintainable backend features. Professional Master's in Software Engineering with a GPA of **10.0/10**.

PROFESSIONAL EXPERIENCE

Software Developer | CData Software

April 2023 - Present

- Develop JDBC drivers and connectors that expose REST, SOAP, and OData API data through a standard SQL interface.
- Implement batch inserts and updates, tables and views, stored procedures, and server-side and client-side filtering.
- Improved join-processing performance by **40%** by developing a custom joining algorithm.
- Implement parallel data processing with configurable thread counts to improve driver efficiency.
- Work on integrations for SharePoint, Microsoft Graph, HubSpot, ServiceNow, and Azure Cosmos DB.
- Diagnose pagination, association, permission, and metadata issues; review code and apply design patterns to keep Java changes maintainable.

TECHNICAL SKILLS

Backend: Java, Spring / Spring Boot, JDBC, SQL, OOP, design patterns

APIs & data: REST, SOAP, OData, relational databases, CRM integrations

Tools & frontend: Git, Docker, Jira, JavaScript, React, HTML/CSS

Languages: Albanian (native), English (fluent)

SELECTED PROJECTS

E-commerce Microservices | Java, Spring Boot, Spring Cloud, Docker

Microservices for customer, product, order, payment, and notification domains, with an API gateway and service discovery. [View source](#)

The Wild Oasis | React, React Query | Practice project

React practice app for hotel bookings, cabin management, guest check-in, and dashboards. [View source](#)

EDUCATION

Professional Master's in Software Engineering

Oct 2023 - Jul 2024

Faculty of Information Technology, Polytechnic University of Tirana | **GPA: 10.0/10**

In collaboration with Lufthansa Industry Solutions. Thesis: Microservices Architecture utilizing the Spring Ecosystem.

Bachelor's in Computer Engineering

Oct 2020 - Jul 2023

Faculty of Information Technology, Polytechnic University of Tirana | **GPA: 9.7/10**