

OLEH BLOKITIN

Experienced Java Developer

Fully Work Authorized · No Visa Sponsorship Required

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Summary

Developed semi-automated PPM (Parts Per Million) and DLE (Direct Labor Efficiency) calculation systems for Volvo component production. Automation **cut processing time from 8 minutes to 40 seconds**, making analytics **12× faster** and **minimizing human errors**. Additionally, I built a **semi-automated payroll and labor tracking system**, reducing processing time **from 16 to 5 hours per month**, streamlining administrative tasks **for the accounting department**.

Skills

Java 8+, SOLID, JDBC, Hibernate, Servlets, Tomcat, JSP, JSON, Spring, Maven, JUnit, Mac, Windows, GIT, Enterprise design patterns, Docker, Liquibase, FlyWay, Mockito, Log4j, RESTful API, JPA

Experience

Java Developer – DigitalVertex Enterprises

11/2022 – present

- Work as part of a development team, developing and maintaining software solutions for clients across various industries. Contribute to backend development, API integrations, and system improvements using Java and Spring Boot. Involved in all stages of development, from implementing new features to optimizing existing code and ensuring system stability.

Java Developer – Faurecia (Volvo Parts Manufacturing)

01/2022 – 09/2022

- Developed an application automating the calculation of key production metrics such as PPM (Parts Per Million) and DLE (Direct Labor Efficiency) for Volvo component manufacturing. The solution cut data processing time from 8 minutes to 40 seconds, minimizing human errors. It streamlined reporting, improved production monitoring by integrating data into a unified system, reduced manual work, and optimized administrative processes for the accounting department.

Open Source Contributor

- Contributed to the development and improvement of several Java-based open-source projects. Played a key role in enhancing code quality, implementing new features, and resolving existing issues. Focused on improving code efficiency and following best practices in software development.

Projects

Manufacturing Metrics Automation Application (first version only)

<https://github.com/oleh-satoshi/FaurPlus>

This project was developed to address production challenges at a manufacturing plant producing components for Volvo. As part of the project, two separate applications were created:

- A production metrics calculation application that automates PPM (Parts Per Million) for defect tracking and DLE (Direct Labor Efficiency) for workforce performance analysis. This system cut data processing time from 8 minutes to 40 seconds, minimizing human errors and accelerating production data analysis.
- A payroll and labor tracking application that automated JNH (Job Net Hours) and Gap to JNH (variance between planned and actual labor hours), improving shift planning and workforce allocation. It also streamlined MOD (Manpower Operational Duration) tracking, reduced manual data entry, and cut administrative processing time from 16 to 5 hours per month, optimizing processes for the accounting department.

ShieldUpBot

https://github.com/oleh-satoshi/Nenarokom_bot

Developed a Christian spiritual life tracker in the form of a Telegram bot for tracking sins and victories over temptations, with data analysis over different time periods. The project includes a level system for motivation, and privacy features to protect entries. The bot helps users consciously grow and improve their spiritual life by providing a convenient interface for daily monitoring and self-reflection.

Education

Bogdan Khmelnytsky State Pedagogical University

Melitopol (2015 – 2019)

Mate Academy, full-time

Kyiv (2021 – 2022)