

OLEH BLOKITIN

Java Developer

Fully Work Authorized · No Visa Sponsorship Required

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Summary

Java Developer optimizing manufacturing processes through automation and clean, efficient code. Worked at Faurecia, automating PPM (Parts Per Million) and DLE (Direct Labor Efficiency) calculations for Volvo automotive parts production. This accelerated defect detection and **improved quality control**, while also cutting data **processing time from 5 minutes to 40 seconds**. These calculations were performed frequently, enabling faster data analysis and quicker response to deviations.

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 for Faurecia, automating the calculation of key production metrics such as PPM (Parts Per Million) and DLE (Direct Labor Efficiency) for Volvo automotive parts manufacturing. The solution **reduced input errors by 15%** and cut data **processing time from 5 minutes to 40 seconds**, enabling faster defect detection and improving quality control. By streamlining reporting and integrating data into a unified system, the automation enhanced production monitoring, improved process efficiency, and allowed for more informed decision-making.

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

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

This project was developed to address production challenges at Faurecia, a manufacturing plant producing automotive parts for Volvo. The application automates the calculation of key manufacturing metrics, including PPM (Parts Per Million) for defect tracking and DLE (Direct Labor Efficiency) for workforce performance analysis, improving real-time data accuracy.

By integrating JNH (Job Net Hours) and Gap to JNH (variance between planned and actual labor hours), the solution enhances shift planning and operational efficiency. Additionally, the automation streamlines MOD (Manpower Operational Duration) tracking, optimizing labor allocation. The system significantly reduces manual input errors and cuts data processing time from 5 minutes to 40 seconds, allowing for faster defect detection and better quality control.

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)