[SPECIALIZATIONS]

compiler_development.lisp
backend_development.java
web3_development.rs
data_engineering.clj
game_development.rs

[LANGUAGES]

english (upper intermediate)
ukrainian (native)

[CONTACT INFO]

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[ACADEMIC BACKGROUND]

Bachelor Degree, NTUU "Kyiv Polytechnic Institute"

city: Kyiv
spec: Computer Engineering
years: 2017-2021

Master Degree, NTUU "Kyiv Polytechnic Institute"

city: Kyiv
spec: Computer Engineering
years: 2021-2023 (dropped out)

[HOBBIES]

gym
teaism
reading
small blogging

[WORK SUMMARY]

RUST SOFTWARE DEVELOPER
Freelance | 2024-2025

Developing backend for websites
Building Web3 projects (smart contracts for the Solana blockchain)

DATA ENGINEER
Apptopia Inc. | 2022-2024

Creation data pipelines
Creation data scrapers
Analysing complex data sets

SOFTWARE DEVELOPER
ISS Soft Ukraine | 2020-2022

Improving a COBOL-to-Java compiler
Creating code transformations for COBOL code
Writing documentation for the COBOL CICS translator
Creating type analysis for Java data types in Java code
Writing documentation for Java type analysis in Java code
Developing translation of IBM COBOL CICS apps to Java and JavaScript
Building web backend and frontend for translated IBM COBOL CICS apps

// SKILLS

```
use PROGRAMMING_LANGUAGES {
    Rust,
    Java,
    Clojure,
    Common Lisp,
    Java Script,
    Python,
    Lua,
};

use DB {
    Apache Cassandra,
    PostgreSQL,
    MongoDB,
    Redis,
};

use CLOUDS {
    AWS (S3, SQS, CloudWatch),
};

use MESSAGE_BROKERS_&_QUEUES {
    AWS SQS,
    Apache Kafka,
};

use DEVOPS_TOOLS {
    Docker,
    GitHub Actions,
    Gitlab CI/CD,
};
```

// FRAMEWORKS & LIBS

```
fn Rust() {
    Actix Web;
    Reqwest;
    Anchor;
    Solana SDK;
    Diesel;
    Sqlx;
    Tokio;
    Serde;
    Bevy;
    Ratatui;
}

fn Java() {
    Spring Boot;
    Spring MVC;
    Spring Security;
    Spring Data (JPA, Mongo, Redis);
    Hibernate;
    JavaEE;
    AWS SDK (S3, SQS);
    GraalVM;
    ANTLR;
    LWJGL;
}

fn Clojure() {
    Ring;
    Pedestal;
    Next.jdbc;
    Honeysql;
    Migratus;
}

fn Common_Lisp() {
    Lisp Alexandria;
    Lisp UIOP;
    Lisp ASDF;
    CL-PPCRE;
    CL-GRAPH;
    YASON;
    CL-FAD;
    ANAPHORA;
    LISP-UNIT;
}

fn Java_Script() {
    Node.js;
    ReactJS;
}
```

// PET PROJECTS

```
enum Projects {
    Web3 game "PoPcore",
    Rouguelike game,
    Flappy game,
    Wemaze game,
    Own blog in Rust,
    Assembly language compiler,
    TCP/IP and UDP/IP emulator,
    RSA algorithm implementation,
    Apache brute force,
    ATM emulator,
    FAT file system,
    RAM memory emulator,
    Telegram bots,
    Minecraft mod "Graphene composite",
    Minecraft mod "Arrow pointer",
    Hearth Stone card generator,
    Comparative analysis of sorting algorithms in multidimensional arrays,
    Language and compiler for chat-bot generation in JavaScript "Nobot",
```