**YAROSLAV G. HAMUHA**

[yhamuha.github.io](https://yhamuha.github.io/)

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**S O F T W A R E E N G I N E E R**

*Attentive to the details, adaptable, quick learner,* *passionate developer*

*of software solution, 15 yrs in IT + 5 yrs in developing*

**SUMMARY**

* Technic knowledge and skills in Core Java & OOP;
* Knowledge in JEE with Servlets, JSP, JPA, Hibernate, Spring IoC/Spring Boot/MVC;
* Experience in using HTTP, REST, JSON;
* Experience in developing automated process for builds and deployments using Maven, Gradle, Jenkins;
* Experience in web applications server Apache Tomcat;
* Familiar with MySQL RDBMS, ANSI SQL, NoSQL;
* Knowledge in developing frontend using JavaScript, HTML, CSS;
* Experience in SpringTest / JUnit , familiar with Mockito;
* One-time experience with Symmetric/Assymetric Encoding/Decoding, SHA, MD, RSA, DSS.
* Familiar with essentials GoF design patterns, SOLID principles and GRASP;

**TECHNICAL SKILLS**

* **Java:** Core Java, Data Structures;
* **J2EE:** Servlet, JSP, JPA;
* **Application Server:** Apache Tomcat;
* **Frameworks:** jUnit, Mockito, Hibernate, Spring Boot/Data/MVC;
* **Database:** JDBC, SQL/MySQL, NoSQL/MongoDB;
* **Front-end Web Technologies:** JS, HTML, CSS, JSON, REST;
* **Build Automation Tool:** Jenkins, Maven, Gradle;
* **Tools:** Eclipse, Intellij IDEA, WebStorm, FlyWay, MySQL Workbench;

**PROFESSIONAL EXPERIENCE**

S-CONSULTING / sole proprietor (2/2019 – today)

**Software Engineer**

Keen on Java, Spring Boot/MVC, Microservices, REST , SQL/NoSQL, AWS.

* Developed Spring Boot project as well, implemented algorithm for bus routing, saved data to AWS S3 Buckets used AWS S3 SDK;
* Developed Spring Boot, Spring MVC back – end for online market;
* Refreshed knowledge’s regarding JS ES6;
* Have done MongoDB course;
* Have done Oracle PL-SQL online course;
* Have done Jenkins CI/CD online course;
* Familiar with Sam Newman “Building Microservices”
* Currently working on passing by AWS Associate Certificate.

US ELECTRIC - Seattle, WA (5/2018 – 2/2019)

**Software Engineer**

**Project: Internal Orders for Customers**

Have done significant amount of work on the REST-based (OAS 3.0) project from scratch that provide services regarding internal tasks. Provided domain decomposition, requirement analysis, system design, implementation and testing by SDLC. Worked using TDD and SOLID approaches, GRASP patterns. Created a business logic utilized JavaEE on back-end, MySQL DB, Spring Data/MVC/Boot, Hibernate. Used Docker, Gradle, Eclipse STS, Git, FlyWay data migration tool, Swagger, Postman for endpoint tests.

**Responsibilities:**

* Involved in analyzing client’s needs, developed specifications of software solutions;
* Provided domain decomposition and designed relational database on MySQL;
* Involved in designing all pages of UI mockups;
* Used FlyWay for database migrations;
* Designed POJO Entities, Repository, Services, Controllers using Spring MVC;
* Used JPA and Hibernate as mapping from Java Objects to DataBase;
* Used Spring Boot as the backend for the fast Java-Backend development;
* Created REST endpoints using OpenAPI;
* Wrote jUnit and Mockito integrational tests for all Controllers, Repositories and Services;
* Tested endpoints used Postman;
* Used Docker for create separately container for DB and for API;

**Environment:** Java 1.8, J2EE, SpringBoot 2.0.0, MySQL, Hibernate JPA 2.1, Hibernate 4.2.20, Gradle, Git, Postman, Docker, Eclipse, FlyWay 5.1.4.

BECOME JAVA SENIOR (6/2015 – 4/2018)

**Java Back-End Developer**

**Project: Apartment Booking Service**

Worked on improvment technical skills with Senior Java mentor and worked on the project to develop separate functionalities of B2B solution that provide a services for Real Estate. Used data structures utilized Java Collections API, JDBC, DAO, Servlets, JSP, JSTL, SQL. Used Tomcat Web Server, Maven, Git.

**Responsibilities:**

* Created DataBase with using UML online tool;
* Developed DAO layer using JDBC;
* Created servlets for essentials services Reservation, Add and Delete Apartments, Add Landlord, AddTenant;
* Developed CustomTag for output data about user from DB through JDBC;
* Used tag library from apache-tags;
* Used open-sourced templating framework Apache Tiles for UI;
* Created form for upload using POST, and method for cashing pictures of user avatars using HashMap and @MultipartConfig annotation;
* Created handouts manuals regarding Java Core and mentored a novices java developers;

**Environment:** Java 1.8, J2EE, MySQL, Apache Tomcat 8.0.23, MySQL Workbench, Servlets 3.0, JSP, JSTL, CustomTag, Apache Tiles, Maven, Git.

SOFT SERVE INC. (12/2014 – 3/2015)

**Junior Web Developer**

**Project: Collect reports of municipal-type problems**

Trained in developing a part of layer of web application for municipal area. Took participation in developing back-end on Java, Spring MVC, Servlets, SQL, as well as front-end on HTML5, CSS3, BootStrap. Used Scrum Agile, Maven, Git, Google Map API.

**Responsibilities:**

* Involved in Agile software development life cycle with SCRUM methodology;
* Created DDL database structure;
* Involved in built Hibernate mapping on the DataBase tables;
* Created various HTML tool page and necessaries html templates, modal windows, confirmation templates;
* Created forms using BootStrap;
* Add navigation panels for jsp pages;
* Created CSS styles;
* Created NavBars;
* Used bootstrap-responsive and fixed templates: Admin, Manager, AddUser, EditUser, EditIssue forms;

**Environment:** Java EE 1.8, Java Spring Framework 3.1.1, Hibernate 4.3.8, Maven 3.2.5, javax.servlet 2.5, javax.servlet.jsp 2.1, log4j 1.2.14, jUnit 4.11, HTML5, CSS3/SCSS 3, BootStrap 3, ES5 , Backbone.js1.1.2, Underscore.js 1.7.0, jQuery 1.9.1, OpenStreetMap, MySQL 5.1, Tomcat 8.0.

Regional Office (Ukraine)

REGIONAL OFFICE (10/2012 – 12/2014)

**Chief Specialist, Department of Information Technology**

Worked with custom database and software systems designed specifically for the Regional Office; utilized Microsoft Office Suite, specialized databases. Managed roles and access privileges and personal information for employees.

*Key Achievements:*

▪ Managed security and access privileges for 300-400 active users, approximately 800 total users throughout tenure.

METRO CASH & CARRY WHOLESALE (9/2007 – 9/2012)

**System & Database Administrator** (9/2007 – 9/2012)

Oversaw Help Desk processes and provided support for all IT department operations. Administered databases and computer systems. Installed PC’s used VMWare and provided 24-hour support for computer hardware (PCs, printers, scanners, cash registers, etc.). Supported Active Directory accounts and access privileges. Maintained security cameras, landline/cell phones, Local Area Network, and resolved related issues. Provided support for monthly purchases control database.

*Key Achievements:*

▪ Configured, installed, and maintained 100 workstations, 60 printers, 40-50 landline phones, barcode label printers, cashier stations, cell phones, and networking equipment.

▪ Reduced supplier costs by successfully managing schedules and optimizing operations.

▪ Created Knowledge Base for configuration, installation, and maintenance work performed.

STATE TELECOM INTERNET PROVIDER (12/2002 – 8/2007)

**Engineer, Computer Systems & Networks**

Configured and supported LAN settings for customers of one of largest fixed global network operator. Provided ADSL broadband internet access for company customers, installing equipment and testing internet connectivity. Familiar with OSI, LAN, WAN protocols, VLAN. Cisco CLI.

*Key Achievements:*

▪ Established rapport with employees, colleagues, and managers to ensure optimal services/coordination.

▪ Implemented connectivity features that increased throughput by 150% - 200%.

**EDUCATION**

**2001 Masters**

**with Computer Systems and Networks**

**from Lviv Polytechnic State University**

**1999 Bachelor**

**with Computer Engineering**

**from Lviv Polytechnic State University**

**ADDITIONAL SERTIFICATES**

**Development, Design and Architecture of Modern Software Systems**

**based on Object-Oriented Languages,**

**Soft Serve Inc (2015)**

**Asymmetric digital subscriber line access,**

**TCP/IP, ATM, MA5300, iManager N2000 BMS**

**Huawei Moscow Training Center (2006)**