

Taras Tarhanskyi

Backend / Full Stack Java Engineer

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Date of Birth: 22.07.1997

Nationality: Ukrainian (S Status holder, authorized to work)



Software Engineer with over four years of experience delivering scalable, high-quality software solutions for startups and enterprise clients.

Skilled in Java, JavaScript, Angular, and Spring Boot, focusing on backend development. Proficient in coding, testing, debugging, and deploying applications using Java & frameworks.

Strong background in creating efficient algorithms and solving complex technical problems. Adept at analyzing user requirements and translating them into technical specifications.

Proven track record of improving application performance and scalability through optimization techniques. Strong problem-solving abilities, collaboration skills, and a proactive approach to enhancing software quality.

Technical Proficiencies

| | |
|------------------------|--|
| Programming Languages: | Java, Kotlin, SQL, JavaScript |
| Frameworks/Platforms: | Spring, Ktor, Hibernate,, Angular, React, NodeJS |
| Tools/Technologies: | Maven, Gradle, Docker, Git, AWS, Linux |
| Technical Skills: | User Interface Design, API Development & Integration, Database Migration & Management, Software Testing & Quality Assurance, Microservices Development, JavaScript Development |

Career Experience

Capgemini, Remote
Software Engineer

Feb 2022 — Present

In my current role, I deliver back-end solutions that help the A/B team execute projects seamlessly. I design, develop, and maintain software applications based on user requirements while performing debugging and testing to ensure software reliability. Collaborating with product managers and designers, I ensure our documentation reflects the software's functionality and architectural design.

Previously, I developed complex microservices for an early-stage startup, ensuring stability through well-designed tests and clean, scalable Kotlin code. I contributed to code reviews and documented processes to support maintenance and scalability.

Some of my notable achievements include:

- **Engineered and deployed complex microservices** for a startup in its early stages, driving scalability and service diversification.
- **Wrote clean, scalable code** aligned with best practices, improving project performance and maintainability.
- Actively participated in code reviews.
- Documented development processes, architecture, and technical specifications.

- **Integrated third-party services** into the architecture, broadening system capabilities. **Developed reusable internal libraries**, which increased development efficiency and productivity.
- **Delivered tailored back-end solutions** to meet A/B team requirements, enabling smooth project execution.
- **Implemented over 100 A/B tests** using JavaScript, providing data-driven insights that informed product decisions and improved user experience.
- **Increased test coverage from 40-60% to 80-90%** by refactoring Java modules, leading to cleaner code and excellent maintainability.
- **Enhanced reliability**: Minor adjustments to Kafka configurations improved system uptime consistency.
- **Created integration tests for critical services**, significantly enhancing system stability.
- **Optimized response times** through code refinements and system adjustments, increasing back-end efficiency and user satisfaction.

Implemica, Ukraine Software Engineer

Aug 2020 – Feb 2022

I independently managed server-side development, front-end tasks, DevOps, and managerial processes for a mid-sized U.S. project.

In parallel, I collaborated with a team of four developers to create a cloud solution that modernized a legacy bakery accounting system.

Achievements:

- **Designed and implemented a new admin panel** to deliver a user-friendly UX/UI.
- **Migrated and upgraded local user databases to the cloud**, enhancing scalability and accessibility.
- **Established server integration testing** to boost system reliability and deliver high-quality software solutions.
- **Migrated a legacy desktop application to a cloud solution**, expanding scalability and accessibility.
- Managed **full-stack responsibilities**—server-side, frontend, and DevOps processes.
- **Integrated PayPal and Stripe payment gateways**, providing diverse payment options for users.
- **Optimized database management** by migrating data from MongoDB to DynamoDB, ensuring data integrity and seamless access.
- **Upgrading a legacy server to Spring Boot** led to improved performance and scalability.
- **Automated deployments via AWS ECR**, significantly increasing release efficiency.
- Reduced infrastructure costs by **optimizing AWS resource usage**.
- **Rebuilt the admin panel in Angular**, which accelerated load times and enhanced user experience.

Education

Bachelor's Degree in Computer-Aided Design

Lviv Polytechnic National University, Lviv, Ukraine

Languages

English (Advanced Proficiency)

Ukrainian (Native Proficiency)

German (Beginner Proficiency)