Azaronak Yauheni

Software Engineer

Warsaw, 27 y.o.

- Experienced Software Engineer with 6+ years of hands-on development experience, strong analytical skills, and a solid Computer Science background. Proven ability to deliver scalable, cloud-native systems in high-load environments.
- Strong expertise in backend development using Java (8–17), Spring Boot, and relational/non-relational databases.
- Extensive experience working on infrastructure modernization, architecture upgrades, and migration initiatives in large distributed teams.
- Hands-on experience with Kubernetes, Docker, AWS, Terraform, and CI/CD automation.
- Proven track record of delivering critical projects in EdTech, Retail, Cybersecurity, and FinTech domains.
- Skilled in microservices architecture, cloud deployments, system design, and performance optimization.
- Demonstrated success in mentoring team members, participating in architectural decisions, and improving legacy systems.
- Adept at working with cross-functional teams, integrating third-party systems, and aligning technical solutions with business goals.
- Currently contributing as a Senior Software Developer at McGraw-Hill, driving modernization and infrastructure upgrade initiatives across global platforms.

CONTACT INFORMATION:

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PROFESSIONAL EXPERIENCE:

McGraw Hill

January 2023 - Present time
Industry: EdTech

Project name: Atlas
Project description: Establishing robust, reusable infrastructure and platform services as the backbone for all product teams, accelerating delivery and ensuring system consistency.
Overall team size: 25 persons
Role: Principle Software Developer
Responsibilities: Collaborate with product teams to identify common patterns and abstract reusable solutions into platform components. Design and implement company-wide infrastructure to serve as a scalable foundation for all product teams and services. Ensure infrastructure scalability, availability, and resilience through automation, containerization, and infrastructure-as-

code. Continuously evaluate new technologies and tools, advocating for improvements that benefit the engineering organization as a whole.

Challenges: Designed and implemented a synthetic, portable database with supporting tooling to enable consistent, automated testing across teams and environments, significantly improving test reliability and developer efficiency. Developed and delivered a series of security patches for legacy and modern applications, addressing critical vulnerabilities and strengthening the overall security posture of the platform.

Technology stack: MySQL (5.7, 8), Flyway, K8S, AWS, Git, Github Actions, Terraform, PHP

Project name: Next Generation

Project description: Upgrading the company's critical infrastructure and services to the modern technology stack.

Overall team size: 20 persons

Role: Senior Software Developer

Responsibilities: Architecture upgrades planning and execution, software dependencies research, version upgrade, documentation and support, code refactoring, infrastructure refactoring.

Challenges: Developing an automatic data migration mechanism based on Flyway and K8S, developing a mechanism for automatic data synchronization between systems of different generations, versions upgrades of dependencies and systems throughout the company, code refactoring of huge old services.

Technology stack: Java (8, 11, 17), Python 3, MySQL (5.7, 8), Flyway, K8S, AWS, Git, Github Actions, Terraform, PHP

Project name: Professional Learning Services

Project description: Educational service for teachers

Overall team size: 7 persons

Role: Key Software Developer

Responsibilities: Architecture planning, microservices development, infrastructural development, database engeneering, security handling, integrating services with third-party data providers, new team member mentoring, documentation writing.

Challenges: Developing an infrastructure based on Docker, K8S, AWS and Terraform, Creating a user-api and security for it integrated into the American student progress accounting system, Integrating into the external content management system, Unit-integration-functional-load testing implementation.

Technology stack: Java 17 + Spring (Boot, Security, Data), Maven, Lombok, MapStruct, AWS SDK, Swagger API, MySQL 8, Flyway, Redis (for cache), Kafka (for statistics), DataDog (for logs), Git, Github Actions, Docker, K8S, AWS, Terraform

Nike

February 2021 - January 2023
Industry: Retail

Project name: Dragonfly

Project description: Set of data flow systems between physical and internet Nike stores.

Overall team size: 4 persons

Role: Senior Software Developer

Responsibilities: Development of the new microservices and functions, creating CI/CD pipelines, participating in architecture discussions and implementing new design solutions, refactoring the existing services and functions, new team member mentoring.

Challenges: Separating monolith service into several microservices and creating an AWS infrastructure for them, designing and implementing a number of scheduled functions to reduce the load on the services.
Technology stack: Java 17, Spring Boot, Hibernate, Relational databases (Oracle, PostgreSQL, AuroraDB, MySQL), Docker, Kubernates, Jenkins, Confluence, CD/CI, Git, AWS.

Telegram trade bot (side project)
February 2020 - December 2020
Industry: Trading
GitHub: https://github.com/Trade4LifeGit

Project name: PS4 Trade Bot
Project description: Open-source non-commercial automated Telegram-based bot for trading videogames between gamers.
Overall team size: 3 persons
Role: Key Software Developer
Responsibilities: Product management, key microservices development, refactoring and support, database planning and development, reverse-engineering of the datasources, infrastructure development.
Challenges: CD/CI development from scratch, development of the codebase based on the Telegram API, reverse-engineering of the third-party datasource
Technology stack: Java 11, Spring Boot, Hibernate, AWS, NodeJS, GitHub Actions, MongoDB, JHipster, Swagger, Docker, CD/CI, Git

Firedome / Svaps systems
December 2019 - February 2021
Industry: Internet of things, Cybersecurity

Project name: Firedome
Project description: Cybersecurity platform for smart devices.
Overall team size: 15 persons
Role: Middle Software Developer
Responsibilities: New features implementation, bug fixing, solution presentation, design of the new business processes, development of the new Microservices, documentation writing, demo meetings, code review, knowledge transferring to new team members, analysing logs and performance improvements, data migration, improving CD/CI processes, automation tests development.
Challenges: Elasticsearch migration between incompatible versions, Development of versioning mechanism, Development of the new Microservices from scratch.
Technology stack: Java 11, Spring Boot, Hibernate, Google Cloud Platform, Google Pub/Sub, BigQuery, ReactJS, Python 3, MongoDB, JHipster, Docker, Kubernates, Jenkins, Firebase, JST, CD/CI, Git

IBA group
December 2018 - December 2019
Industry: FinTech, Taxes

Project name: Belarusian Tax Ministry
Project description: Developing and support of the Belarussian Tax Ministry software.
Overall team size: 20+ persons
Role: Junior Software Developer
Responsibilities: Bug fixing, incident investigation, performance improvement and analysis, data migration; SCRUM processes as usual. Communication with customers, demo meetings.
Challenges: Researched and fixed several out of memory crashes on the prod environment.
Technology stack: Java 8, SQL Server, JSP, Maven, Eclipse memory analyser, SVN

EDUCATION AND TRAINING:

2015 - 2019
Belarusian National Technical University, Minsk,
Engineering-Pedagogical Faculty (Informatics)

2017-2018
EPAM training center, Java Web Development
JavaRush online courses

SKILLS SUMMARY:

Programming skills: Java 11+, Spring Boot, Spring MVC, Spring Data, Spring Security, Hibernate, Test Containers, Mockito, Swagger, JHipster, JavaScript ES6, Python 3, PHP, confident in Algorithms;

Web Technologies: REST, SOAP, HTML, CSS, ReactJS, MVC, Oauth2.0, JWT, Firebase, Auth0;

Cloud technologies: Google Cloud Platform, AWS, MS Azure;

Databases: SQL Server, Oracle SQL, Google Big Query SQL, PostgreSQL, MySQL, MongoDB, Elasticsearch, Flyway, Redis, RabbitMQ;

Infrastructure: Docker, Kubernetes, Terraform, CD/CI (Github Actions, Jenkins);

Other skills: Git, SSH, Java best-practises, Design patterns, Bases of high math, confident in UNIX-based systems;

Languages: Polish – pre-intermediate, English - advanced, Russian - native;