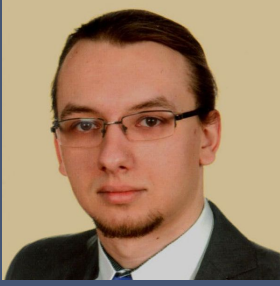


Piotr DEC



SUMMARY

Experienced Java and Python Developer with 9 years of experience in designing and implementing backend systems. Focused on delivering high-quality and reliable code through the application of proven design patterns and the TDD methodology. Actively supports team members in solving technical challenges and contributes to the continuous improvement of team competencies.

CONTACT DATA

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Gliwice

SKILLS

Languages

Java 17/21, Python 3.12+, Kotlin, Scala

Frameworks

Spring Boot, Hibernate, JSF, FastAPI, Pydantic, Alembic

CI/CD

Jenkins, Docker, OpenShift

Protocols

REST, SOAP, gRPC, Pub/Sub

Databases

Postgres, Oracle

Tools

maven, uv, ELK, Grafana

LANGUAGES

- English B2/C1
- German A2

INTERESTS

- Algorithms, Containerization, Process Automations
- LEGO, Railway modeling, Polish fantasy literature

PROFESSIONAL EXPERIENCE

SENIOR JAVA DEVELOPER *Pretius Software sp. z o. o.* **01.2023–present**

- ◇ Development of advanced microservices and modular monolith applications
- ◇ Architecture and optimization of CI/CD processes
- ◇ Creation of internal developer tools supporting software development processes
- ◇ Management of the full application lifecycle: from requirements analysis and implementation to deployment and maintenance
- ◇ Direct collaboration with business clients, providing technical consulting and delivering dedicated solutions

JAVA SCALA OPENSIFT DOCKER PYTHON JENKINS OSGI GRAFANA

SENIOR / LEAD JAVA DEVELOPER *HyperView sp. z o. o.* **02.2017–01.2023**

- ◇ Management and technical mentoring of a 4-person development team, including conducting recruitment processes
- ◇ Architecture and implementation of comprehensive product solutions
- ◇ Migration of a monolithic system to a microservices architecture
- ◇ Enforcing the highest code quality standards by introducing design patterns, code reviews, and unit testing

JAVA KOTLIN PYTHON DOCKER JSF GEOSERVER QGIS

SELECTED PROJECTS

OPI-TPP 2.0 (IN COLLABORATION WITH HYPERVIEW) *www.opi-tpp.pl* **2022–2023**

- ◇ Designed the architecture of a GIS platform from scratch, integrating OpenSource solutions and custom components
- ◇ Ensured high application security, meeting the requirements of the OWASP ASVS 4 L1 standard
- ◇ Managed a 5-person development team
- ◇ Implemented critical backend components (Java, Python)

JAVA PYTHON GEOSERVER DOCKER

KARL *git.ztsh.eu/stawros/karl* **2025–present**

- ◇ Created a custom application automating the update of services in a docker-compose environment
- ◇ Implemented a secure credentials injection mechanism (integration with KeePass database) directly before deployment
- ◇ Applied Event-Sourcing architecture utilizing Dependency Injection

PYTHON FASTAPI EVENT-SOURCING PYDANTIC DOCKER

GARMIN HUD+ COMPANION *git.ztsh.eu/stawros/Garmin* **2023–2024**

- ◇ Independently developed a comprehensive mobile application serving as a replacement for Garmin's discontinued official software
- ◇ Successfully integrated with Mapbox SDK, road-tested over a distance of more than 2,000 km

KOTLIN MAPBOX SDK ANDROID SDK

COMPETENCIES FOR EFFECTIVE LEARNING *apps.ztsh.eu/cel* **2017–2023**

- ◇ Developed a web application from scratch (Java EE, Primefaces 6) commissioned by the academic community of the University of Silesia Conducted a complete migration from a classic Java EE environment to a modern stack: Java 17, Spring Boot 2.7, and Primefaces 12
- ◇ Ensured system stability, successfully handling over 1,000 users

JAVA SPRING-BOOT JSF DOCKER

EDUCATION

Master's Studies: Computer Science, *Silesian University of Technology* **2018–2020**

B.ENG. in Applied Computer Science, *University of Silesia* **2014–2018**

GDPR

I agree to the processing of personal data provided in this document for realising the recruitment process pursuant to the Personal Data Protection Act of 10 May 2018 (Journal of Laws 2018, item 1000) and in agreement with Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation).