Karol Cegiełko

Backend Developer

✉ kcegielko31@gmail.com　　📞 +48 507-872-422　　🌐 *www.linkedin.com/in/kcegielko/*

I'm an experienced Java Developer with over 6 years of experience in designing, developing, and maintaining enterprise applications. I specialize in technologies such as Java, Spring Boot, Docker, and Kubernetes, with additional experience in Python and C++. Currently, I am learning AWS (Lambda, EC2, S3, Step Functions, RDS). I am interested in Domain-Driven Design (DDD) and developing towards more client interaction to better understand their needs. I value teamwork, communication, and solving complex problems.

Experience

Java Developer - HADDAD BRANDS　　　　　　　　　　　　　　　*02.2025 - 08.2025*

- Designing and development of REST APIs
- Implementing business processes in Java 21
- Working with IBM i/AS400 and DB2
- Working with Java 21, Spring Boot, Angular, GIT, SQL, REST API, Docker

Java Developer - ENXOO　　　　　　　　　　　　　　　　　　*05.2021 - 02.2025*

- Developing an application for documenting the logical and physical layers of fiber optic networks.
- Integrating the application with Salesforce CRM.
- Designing and implementing REST APIs and working with relational databases.
- Maintaining Linux servers and supporting deployment.
- Collaborating in a Scrum team, participating in sprint planning and daily stand-ups.
- Participating in architectural decisions regarding application design.
- Conducting data analysis using Python for business needs.
- Implementing CI/CD processes and containerization using Docker and Kubernetes.
- Working in Scrum methodology using Git.

C++ R&D Developer - ITTI　　　　　　　　　　　　　　　　　*09.2019 - 05.2021*

- Creating software for testing and handling new types of ethernet switches.
- Working in an R&D team on automating testing processes.
- Using C++ and basic Python for prototyping solutions.
- Formulating experiments to investigate and evaluate processes
- Reporting research and test data
- Evaluating data and forming conclusions
- Preparing comprehensive reports and presentations

Education

University of Poznań　　　　　　　　　　　　　　　　　　　*2017-2021*

- Bachelor in Automatics And Robotics
- Engineering thesis based on Linux with the use of Python programming language

Skills

- Technical: Java, Spring Boot, Python, C++, SQL, Docker, Kubernetes, Git, Linux, AWS (Lambda, EC2, S3, Step Functions, RDS– in progress), CI/CD, Angular (Basics)
- Methodologies: Scrum, Agile
- Soft skills: Teamwork, communication, problem-solving, motivation to learn
- Languages: Polish (native), English (B2/C1)

Certificates

- Creating a Single Page Application using Angular - Jsystems 08.2025
- Angular - advanced techniques - Jsystems 08.2025
-

Projects

- Fiber Optic Network Documentation Application | ENXOO
  - Development of an application supporting the documentation of fiber optic networks in logical and physical layers.
  - Integration with Salesforce CRM.
  - Technologies: Java, Spring Boot, PostgreSQL, Docker.
- Internet Switch Testing Software | ITTI
  - Automation of testing and handling of switches in the R&D team.
  - Technologies: C++, Python.
  - Android Applications | Student Projects
- Creating simple mobile applications for the Android platform as a hobby:
  - TO-DO App
  - Calendar
  - Appointment Booking App

Long Term Goals

- Development towards software architecture design and increased client interaction.
- Deepening knowledge in Domain-Driven Design (DDD) – currently in training.