

# Karol Cegiełko

## Backend Developer

✉ kcegielko31@gmail.com

☎ +48 507-872-422

🌐 [www.linkedin.com/in/kcegielko/](https://www.linkedin.com/in/kcegielko/)

I'm an experienced Java Developer with over 4 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 - Present
  - Developing application according to business requirements
  - Designing CI/CD processes
  - Designing and development of REST APIs
  - Working with IBM i/AS400
- **Java Developer - ENX00** 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

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- 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

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- Creating a Single Page Application using Angular - JsysteMS 08.2025

## Projects

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- 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

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

## Availability and Preferences

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- Available from September.
- Preferred remote work with occasional office visits.

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