





# Eliza Petrycka

 [github.com/epetrycka](https://github.com/epetrycka)  
 +48 508 403 476  
 [elizapetrycka@gmail.com](mailto:elizapetrycka@gmail.com)  
 [www.linkedin.com/in/eliza-petrycka](https://www.linkedin.com/in/eliza-petrycka)

## Education

### AGH University of Kraków

Computer Science and Intelligent Systems  
(2023 - Present)

## Courses and certificates

### AWS Certified Cloud Practitioner

Valid: Jul 2025 - Jul 2028



### Participant, Level Up Program by Perspektywy

Learning Path: **Cloud Computing & DevOps**  
with elements of **Big Data**

- Comprehensive course preparing for internal assessment and the external **Google Cloud Associate Engineer Certification** exam.
- Includes a final group project designed to validate the practical skills acquired during the program.  
(Sep - Nov 2025)

## Work experience

### Cloud Development Engineer Intern - Pegasystems

- Worked on **DevOps** tasks, including automation and synchronization in pipelines using **Gradle** and **Jenkins**.
- Implemented Generative AI models via **Amazon Bedrock** to streamline processes and validate data.
- Collaborated with the Cloud Architecture team, gaining hands-on experience in DevOps practices and cloud architecture decision-making.  
(Jul - Sep 2025)

### AGH Code Industry Science Club -> Synaptica AGH Science Club

Collaborated on a 3D game development project in **Unity**. Responsible for programming, designing user interface (UI/UX), and implementing game logic.

## Languages

Polish **native**



English **B2+/C1**

Russian **B1**


## Skills

### Programming languages


 Python  Java  C++/C/C#

 JavaScript  Kotlin

### Cloud Computing

 AWS  GCP

### Database management systems



 MySQL  PostgreSQL  BigQuery

### Container tool


 Docker  Kubernetes

### Other

 Git  Unity  React  Pub/Sub

 Unix Systems  RabbitMQ

 Jenkins  Gradle  Terraform

 SonarQube

## Projects

### Stream Data Processing and Analysis

Developed a real-time data processing application for Bitcoin streaming data using WebSocket. Built a pipeline with Apache Beam, Pub/Sub, and Dataflow on Google Cloud. Utilized Firestore, BigQuery for data storage and analysis.