

Eliza Petrycka

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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

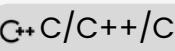
Polish native

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.