

Joanna Pocztańska

3rd year student of Computer Science

Bachelor of Technology in 2024

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🌐 GitHub Profile

🌐 LinkedIn Profile

EXPERIENCE

• CLOUD ADMINISTRATOR

August 2023 - February 2024

Hochschule Hof

- In-depth understanding of AWS cloud computing services, including EC2, S3, RDS, Lambda, IAM, VPC, and more.
- Proficient in designing, deploying, and managing fault-tolerant, highly available, and scalable AWS solutions.
- Strong knowledge of architectural best practices, such as AWS Well-Architected Framework, security, performance, and cost optimization.
- Hands-on experience in cloud infrastructure provisioning, monitoring, and automation using AWS Management Console and AWS CLI.

EDUCATION

– Hochschule für Angewandte Wissenschaften, Hof

01.10.2022-23

Bachelor of Technology in Computer Science

CGPA: 4,59

– Wyższa Szkoła Biznesu – National-Louis University, Nowy Sącz

01.10.2020-24

Bachelor of Technology in Computer Science (Cyber Security, Business Applications)

CGPA: 4,35

TECHNICAL SKILLS AND INTERESTS

Languages: C/C++, Python, Javascript, HTML+CSS

Libraries : C++ STL, Python Libraries, ReactJs

Web Dev Tools: Nodejs, VScode, Git, GitHub

Frameworks: ReactJs

Cloud/Databases: Amazon EC2, MongoDB, Firebase, Relational Database(MySQL)

Relevant Coursework: Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering.

Areas of Interest: Web Design and Development, Cloud Security.

Soft Skills: Problem Solving, Self-learning, Presentation, Adaptability

CERTIFICATIONS

AWS Academy Graduate - AWS Academy Cloud Foundations: Amazon Web Services (AWS) '23

CyberOps Associate: Cisco '23

CCNA: Enterprise Networking, Security, and Automation: Cisco '23

CCNA: Switching, Routing, and Wireless Essentials: Cisco '23

CCNA: Introduction to Networks: Cisco '23

Data Science for Business - Level 1: IBM '23

LANGUAGES

German: B2.1 - TestDAF

English: C2 - CAE

Chinese: A2 - UNICert course

Polish: Native

PERSONAL PROJECTS

– High Availability ownCloud on AWS

Implemented ownCloud with Apache Load Balancer, GlusterFS, MariaDB Galera Cluster on Amazon AWS.

- * Achieved high availability, fault tolerance, data consistency, and efficient cloud deployment.
- * Technology Used: Amazon AWS, Apache Load Balancer, GlusterFS, MariaDB Galera Cluster, cloud deployment, high availability, fault tolerance.

– Webshop Project

Created an advanced C web application using OOP, MVC, async.

- * Integrated ASP.NET Core, Entity Framework, JavaScript, AJAX.
- * Technology Used: C, ASP.NET Core, Entity Framework, MVC, JavaScript, AJAX.

– Multiplayer Java Shirobon Game

Developed a multiplayer Shirobon game featuring client-server architecture.

- * Utilized Java Swing for the interface and socket communication for networking.
- * Managed player controls, collisions, and core gameplay.
- * Employed threading, JSON for map and enemy data transmission, and the Gson library for serialization.
- * Technology Used: Java Swing, socket communication, threading, JSON, Gson, client-server architecture, multi-player gameplay, collision handling, JavaDoc documentation.

– Weather Assistant React App

Developed Weather Assistant app using React to display real-time weather data using OpenWeatherMap API.

- * Utilized OpenWeatherMap API, axios, Material-UI icons.
- * Offered user-friendly weather checking for various cities, showcasing React capabilities.
- * Technology Used: React, OpenWeatherMap API, axios, Material-UI icons.

– DirectFlight Android App

Created an Android app to find direct flights.

- * Used SQLite, AdapterView, CursorAdapters, ViewHolder, multi-table SQL.
- * Displayed routes on map and employed multiple Activities, Intents, resource access.
- * Technology Used: Android, SQLite, AdapterView, CursorAdapters, ViewHolder, multi-table SQL, map integration, Activities, Intents.

– Forum Project

Developed an advanced web forum using Laravel.

- * Utilized multiple related tables (Users, Guestbook, Threads/Messages) including an intermediate Tags table.
- * Implemented CRUD operations, search function, data validation, and additional Laravel mechanisms.
- * Technology Used: Laravel framework, MySQL database, CRUD operations, data validation, search function, intermediate table for tags, advanced Laravel features.