Jakub Płotnikowski

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WORK EXPERIENCE

Ocado Technology   Apr. 2022 - Now
Software Developer II

- Development of backend microservices for Data Access Platform

Cisco Systems   Jul. 2021 - Mar. 2022
Software Developer

- Development of backend microservices for Customer Experience Platform

Core Logic Sp. z o.o.   Nov. 2020 - Jun. 2021
Software Developer

- Development of backend microservices responsible for tracking and managing cars as well as users loaning those cars

Grand Parade part of William Hill   Jul. 2020 - Oct. 2020
Junior Software Developer

- Development of backend microservices responsible for managing accounts and wallets of betting users

Softnet Systemy Bankowe   Jul. 2019 - Jun. 2020
Junior Software Developer

- Development of mobile application for cooperative banking and backend application that is an implementation of PolishAPI

EDUCATION

AGH University of Science and Technology   Mar. 2021 - Sep. 2022
Faculty of Computer Science, Electronics and Telecommunications, Computer Science
Second-cycle Studies

AGH University of Science and Technology   Oct. 2017 - Jan. 2021
Faculty of Computer Science, Electronics and Telecommunications, Computer Science
Undergraduate Studies

SKILLS

Languages: Polish (native), English (advanced - certified C1)

Programming Languages: Java, Scala, Kotlin, Python

Programming - working knowledge in: Spring, Hibernate, JUnit, ArchUnit, Mockito, RestAssured, Liquibase, ZIO, Cats, ScalaTest, Android, PostgreSQL, MySQL, OracleSQL, MongoDB, Cassandra, Python, Git, Bash, Redis, Caffeine, DynamoDB, Kinesis, SQS, BigQuery

Cloud and Ops - working knowledge in: AWS, GCP, Docker, Kubernetes, Kafka, ActiveMQ

COMMERCIAL PROJECTS

Data Access Platform   Apr. 2022 - Now

A set of backend microservices.

Responsibilities: Managing access to data-lakes.

Key technologies used: Java 17, Spring Boot, AWS (DynamoDB, Kinesis Data Streams, Simple Queue Service, Elastic Container Service), GCP (Big Query), ELK Stack, ArchUnit

Customer Experience Platform chatbot   Jul. 2021 - Mar. 2022

A backend application for Customer Experience chatbot.

Responsibilities: Providing platform users with help with problems and cases regarding their networking devices.

Key technologies used: Java 11, Spring Boot, Docker, GCP, AWS, ELK Stack, Redis, ELK Stack, Dialogflow, Python, NLTK

User manager
Nov. 2020 - Jun. 2021

A backend application used for managing users.

Responsibilities: Managing users that are spread across multiple backend applications.

Key technologies used: Java 15, Spring Boot, Spring Cloud, Docker, Kubernetes, PostgreSQL, MongoDB, Redis, ELK Stack, Keycloak, Kafka

Near real-time car tracker
Nov. 2020 - Jun. 2021

A backend application used for tracking cars.

Responsibilities: Tracking the cars that are loaned out in near real-time.

Key technologies used: Java 11, Spring Boot, Hibernate, Redis, ActiveMQ, PostgreSQL, Netty, ELK Stack

Betting Engine microservices
Jul. 2020 - Oct. 2020

Various Betting Engine microservices.

Responsibilities: Managing accounts and wallets of users that make bets.

Key technologies used: Scala (Cats, ZIO, ScalaTest), Akka, Cassandra, PostgreSQL, Docker, Kubernetes, AWS

Mobile banking application
Jul. 2019 - Jun. 2020

The mobile application for both Android and iOS users.

Responsibilities: Providing users with full banking experience - similar to the one provided by the web application - allowing them to use their accounts, make transactions, check their balances etc.
Key technologies used: Java 8, Gradle, Android, SQLite

Transfer manager
Jul. 2019 - Jun. 2020

The backend application for both mobile and web banking applications.

Responsibilities: Providing web and mobile applications with proper API used for managing all kinds of banking transactions and accounts. Implementation of PolishAPI.

Key technologies used: Java 11, Maven, Spring Boot, Hibernate, Docker, PostgreSQL, Oracle SQL

PRIVATE PROJECTS

Master-Diet
Mar. 2020 - Dec. 2020

Web application for managing diet.

Responsibilities: Managing diet with gamification features

Key technologies used: Java 11, Spring Boot, React, Docker

DiaBeFriend
Mar. 2019 - May. 2019

Android application created to make life easier for people with diabetes.

Responsibilities: Providing users with features that help manage everyday life with this illness e.g. tracking sugar intake after meals, searching for food with appropriate nutritional data in existing database of products. More info and source code on: `https://github.com/jakubowiczish/DiaBeFriend`

Key technologies used: Java, Android

INTERESTS

Meeting new people, electronic music, middle-distance running, astronomy, traveling, board games, computer games