

Grzegorz Kozub

SOFTWARE ENGINEER · CLOUD APPLICATION ARCHITECT

Kraków, Poland

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Work Experience

Amazon Web Services

Warsaw, Poland (remote)

CLOUD APPLICATION ARCHITECT / CLOUD APPLICATION DEVELOPMENT CONSULTANT

Oct. 2020 - Present

- Working on design and implementation of cloud native applications in cooperation with clients from diverse industries (entertainment, finance, public sector, retail).
- Adapting AWS technologies for providing scalable, cost effective serverless solutions.
- Creating microservices using modern technologies: Java 17, Spring Boot, Micronaut, Kotlin, Typescript.
- Managing infrastructure using Infrastructure As A Code process with CDK, Terraform and CloudFormation.
- Auditing solutions to provide recommendations for performance and cost optimization.
- Mentoring development teams to improve development processes and applications architecture.

Guidewire Software Inc.

Krakow, Poland

SOFTWARE ENGINEER

Dec. 2019 - Sep. 2020

- Enhancing functionality of Spring Boot microservices hosted on Kubernetes base on business requirements and technical analysis.
- Improving and automating the process of database migration from Oracle to Amazon Aurora PostgreSQL using AWS, Terraform and TeamCity.

San Francisco Bay Area, USA

SOFTWARE ENGINEER

May 2019 - Oct. 2019

- Working with a team responsible for designing and developing a set of internal tools using JavaScript (NodeJS) and GoLang for improving developer's experience and defining company standards for cloud-based solutions.
- Member of the team that worked on internal Platform As A Service solution built on a top of AWS and Kubernetes using Terraform.

Krakow, Poland

SOFTWARE ENGINEER

Feb. 2016 - Apr. 2019

- Developing the solution for sharding monolith application in Cloud environment using AWS (EC2, S3, ECR, RDS), Docker and Kubernetes.
- Prototyping and building several microservice applications using Java 11, Spring Boot, Groovy, PostgreSQL, Redis and TeamCity.
- Designing and developing a solution for an automated transformation of Electronic Rating Content with Java 8, Spring and Antlr.
- Implementing several solutions for processing and customizing algorithms and data structures transformed by the application.
- Improving efficiency of transformation by managing CI/CD pipelines on GoCD and optimizing utilized libraries.

Cherry Pick Sp. z o.o.

Krakow, Poland

JAVA EE DEVELOPER

Feb. 2015 - Nov. 2015

- Developing a web-based enterprise solution for content management using Java EE 7, Primefaces, PostgreSQL, Hibernate and WildFly.
- Improving new features for the financial reporting application using Spring, JSP, Bootstrap and MySQL.
- Maintaining a production Java application and provided technical support for clients.
- Prototyping and implementing a server-side of web/mobile streaming application based on RESTful web service using J2EE technologies.

Softnet Sp. z o.o.

Krakow, Poland

SOFTWARE DEVELOPER

Sep. 2013 - Jan. 2015

- Implementing financial reporting web applications for cooperative banking institutions using Java EE 6, Vaadin, Oracle Database, Hibernate, Glassfish, JasperReports
- Developing monitoring and alerting software for bank supervisors.
- Supporting implementation and maintenance of Java application as a technical advisor.

Krakow, Poland

SOFTWARE DEVELOPER INTERN

Jul. 2013 - Aug. 2015

- Developing a CRM software using Java, Hibernate, Oracle Database and PL/SQL

Skills and Competencies

Back-end Programming: Java, Spring, Hibernate, Micronaut, GraalVM, Groovy, Kotlin, Python, TypeScript, Bash, SQL, PL/SQL.

Front-end Programming: JavaScript, TypeScript, React, HTML, CSS.

Database systems: DynamoDB, PostgreSQL, MySQL, Oracle, MongoDB, Redis

Cloud Computing / Containerization: AWS, Docker, Kubernetes.

Build tools / CI&CD: Maven, Gradle, NPM, Terraform, CDK, SAM, CloudFormation, TeamCity.

Version Control: Git, SVN.

Testing / Quality Assurance: JUnit, Mockito, Spock, AssertJ, Checkstyle, CodeNarc, SonarCube, Spotless.

Others: TDD, REST, Linux, IntelliJ IDEA, Jira, Agile/Scrum

Courses and Certificates

AWS Certified Solutions Architect – Associate

[Amazon Web Services](#)

Nov. 2020 – Nov. 2023

AWS Certified SysOps Administrator – Associate

[Amazon Web Services](#)

Mar. 2021 – Mar. 2024

AWS Certified Security – Specialty

[Amazon Web Services](#)

Mar. 2022 – Mar. 2025

Software architecture masterclass

A THREE-DAY EXPERT WORKSHOP INTENDED FOR ENTERPRISE APPLICATION ARCHITECTS FOCUSED ON:

- THE STRATEGIC PRACTICES OF DOMAIN-DRIVEN DESIGN AND EVENTSTORMING.
- IMPLEMENTATION OF MICROSERVICE ARCHITECTURE.
- THE TACTICAL PRACTICES OF DOMAIN-DRIVEN DESIGN AND ARCHITECTURE.

[Bottega IT Minds](#)

27th – 29th Mar 2019

Web Application security and penetration testing

PRACTICAL TRAINING ORGANIZED BY ONE OF LEADING POLISH SECURITY AUDITS PROVIDER.

[Niebezpiecznik.pl](#)

4th - 5th Feb 2019

Kotlin for Java Developers

ONLINE COURSE ORGANIZED ON COURSERA PLATFORM.

[JetBrains](#)

2018

MongoDB for Java Developers

ONLINE COURSE ORGANIZED BY MONGODB, INC.

[MongoDB, Inc.](#)

2015

Languages

Polish: Native language.

English: Professional working proficiency.

Education

Cracow University of Technology

M.SC. IN COMPUTER SCIENCE

- Thesis title: Architecture of distributed web application based on microservices.

[Kraków](#)

Mar. 2015 - Sep. 2016

AGH University of Science and Technology

B.SC. IN COMPUTER SCIENCE

- Thesis title: Design and implementation of educational mobile application for analysis of sentence.

[Kraków](#)

Sep. 2011 - Feb. 2015

I hereby consent to my personal data being processed for the purpose of considering my application for the vacancy advertised under reference number (123XX6 etc.)