Grzegorz **Kozub**

SOFTWARE ENGINEER · CLOUD APPLICATION ARCHITECT

Kraków, Poland

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Work Experience

Amazon Web Services, Inc.
Warsaw, Poland (remote)

CLOUD APPLICATION ARCHITECT, AWS PROFESSIONAL SERVICES
Oct. 2020 - Present

- Engaged in the design and implementation of cloud-native applications that underpin essential business processes across a spectrum of industries, including entertainment, travel, finance, the public sector and retail.
- Collaborating with clients' technical teams and business representatives to ensure the accomplish anticipated business objectives.
- Adapting AWS technologies to to deliver scalable, cost effective Serverless and container-base cloud applications.
- Developing microservices using modern technologies, including Java, Kotlin, Typescript, Python.
- Managing infrastructure using Infrastructure As A Code processes with CDK, Terraform and CI/CD tools.
- Conducting thorough audits of solutions to offer recommendations for performance and cost optimization.
- Providing mentorship to development teams to enhance development processes and application 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

- Collaborated with a team tasked with the design and development of a suite of internal tools, utilizing JavaScript (NodeJS) and GoLang to enhance developer experience and establish company standards for cloud-based solutions.
- Contributed as a team member on the development of an internal Platform as a Service solution built on 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, PostreSQL, 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.
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, Jenkins, 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
Bottega IT Minds

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.

27th – 29th Mar 2019

Web Application security and penetration testing
Niebezpiecznik.pl

PRACTICAL TRAINING ORGANIZED BY ONE OF LEADING POLISH SECURITY AUDITS PROVIDER.
4th - 5th Feb 2019

Kotlin for Java Developers
JetBrains

ONLINE COURSE ORGANIZED ON COURSERA PLATFORM.
2018

MongoDB for Java Developers
MongoDB, Inc.

ONLINE COURSE ORGANIZED BY MONGODB, INC.
2015

Languages

Polish:	Native language.
English:	Professional working proficiency.

Education

Cracow University of Technology
Kraków

M.SC. IN COMPUTER SCIENCE
Mar. 2015 - Sep. 2016
- Thesis title: Architecture of distributed web application based on microservices.

AGH University of Science and Technology
Kraków

B.SC. IN COMPUTER SCIENCE
Sep. 2011 - Feb. 2015
- Thesis title: Design and implementation of educational mobile application for analysis of sentence.