Grzegorz **Kozub**

SOFTWARE ENGINEER · CLOUD APPLICATION ARCHITECT

Kraków, Poland

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Work Experience

Amazon Web Services, Inc.
Generative AI Innovation & Delivery, AWS Professional Services   *Warsaw, Poland (remote)*

SENIOR CLOUD APPLICATION ARCHITECT   *Apr. 2024 - Present*

- Leading a projects as technical expert. Guiding the project's technical architecture and mentor developers to ensure alignment with business goals and coding standards, resolve challenges as they arise. Collaborate with stakeholders to plan projects and maintain code quality through reviews and best practices.
- Design and implementation of cloud infrastructure and cloud-native applications that achieve essential business values across a spectrum of industries, including entertainment, travel, finance, the public sector and retail.

Warsaw, Poland (remote)

CLOUD APPLICATION ARCHITECT   *Oct. 2020 - Mar. 2024*

- Adapting AWS technologies 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. 2013*

- 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 – Professional *Amazon Web Services*
Jan. 2025 – Jan. 2028

AWS Certified Solutions Architect – Associate *Amazon Web Services*
Nov. 2024 – Jan. 2028

AWS Certified AI Practitioner *Amazon Web Services*
Oct. 2024 – Oct. 2027

AWS Certified DevOps Engineer - Professional *Amazon Web Services*
Mar. 2024 – Mar. 2027

AWS Certified Developer - Associate *Amazon Web Services*
Jan. 2024 – Mar. 2027

AWS Certified SysOps Administrator – Associate *Amazon Web Services*
Mar. 2021 – Mar. 2027

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

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.

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.)