

# Grzegorz Kozub

SOFTWARE ENGINEER · JAVA DEVELOPER

Kraków, Poland

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## Work Experience

### Guidewire Software Inc.

Krakow, Poland

SOFTWARE ENGINEER

Dec. 2019 - Present

- Improved and automated the process of database migration from Oracle to Amazon Aurora PostgreSQL using AWS cloud services, Terraform and TeamCity.

San Francisco Bay Area, USA

SOFTWARE ENGINEER

May 2019 - Oct. 2019

- Worked as a part of the team responsible for designing and developing a set of internal tools using JavaScript 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

- Developed the solution for sharding monolith application in Cloud environment using AWS (EC2, S3, ECR, RDS), Docker and Kubernetes.
- Prototyped and built several microservice applications using Java 11, Spring Boot, Groovy, PostgreSQL, Redis and TeamCity.
- Designed and developed a solution for an automated transformation of Electronic Rating Content with Java8, Spring and Antlr.
- Implemented several solutions for processing and customizing algorithms and data structures transformed by the application.
- Improved 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

- Developed a web-based enterprise solution for multimedia content management using Java EE 7, Primefaces, PostgreSQL, Hibernate and WildFly.
- Implemented new features for the financial reporting application using Spring, JSP, Bootstrap and MySQL.
- Maintained a production Java application and provided technical support for clients.
- Prototyped, designed and implemented a server-side of web/mobile application for video streaming based on RESTful web service using J2EE technologies.

### Softnet Sp. z o.o.

Krakow, Poland

SOFTWARE DEVELOPER

Sep. 2013 - Jan. 2015

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

Krakow, Poland

SOFTWARE DEVELOPER INTERN

Jul. 2013 - Aug. 2015

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

## Skills and Competencies

**Back-end Programming:** Java SE 11, Spring, Spring Boot, Hibernate, Groovy, Kotlin, Python, Bash, SQL, PL/SQL.

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

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

**Cloud Computing / Containerization:** AWS, Docker, Kubernetes.

**Build tools / CI&CD:** Maven, Gradle, Terraform, TeamCity, GoCD.

**Version Control:** Git, SVN.

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

**Others:** REST, Linux, IntelliJ IDEA, Jira.

## Courses and Certificates

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### AWS Certified Developer - Associate

VALIDATION NUMBER: JF8FC56CCM1QQK9Y

[Amazon Web Services](#)

Oct 2018 – Oct 2020

### 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

### English Language Course

UPPER-INTERMEDIATE LEVEL.

[Three Lions English For Life.](#)

2015

## Languages

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**Polish:** Native language.

**English:** Professional working proficiency.

## Education

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### 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