CURRICULUM VITAE

Personal info

Name and Surname:	***Amir Kos***
Date and place of birth:	25.05.1979. Zagreb
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Occupation:	*bacc. ing.* computer engineering

Formal education

- 2005. Faculty of computer engineering, Split
- 1997. Geodesy technical school, Zagreb

Professional experience

2005 **Libusoft-Cicom d.o.o.**
working on implementing and maintaining information systems for public administration, clarion, c#
Position: *software developer*

2005 **Nove tehnologije d.o.o.**
Position: *software developer* (J2EE).

2006 **CROZ d.o.o.**
position: *software developer* (J2EE).

2006 **RBA d.d. (Raiffeisen Bank Austria)**
Position: *it architect* (J2EE)

2020 - OmoLab d.o.o
Position: *Senior sw eng. / external associate / sw consultant*

2021 - Pravila d.o.o
Position: *Senior sw eng. / external associate*

As a member of development team I have participated on several projects from which I wish to propound:

- **(2005.) Ministry of defense EVRA-web app**
  - analysis of existing database model
  - logical design and implementation (Informix)
  - Struts 1.0
  - JavaScript

- **(2006.) Croatian institution for retirement insurance NP-web app**
  - Rewriting old application
  - analysis and design of database
  - implementation, Struts, Spring (DB2), Hibernate

- **(2006.) ICMS – Integrated court management system**
  - working as a part of development team
  - Hibernate, J2EE
  - Top link (Oracle)

- **(2007.) SVAROG – call center web app (private project)**
  - Spring
  - Hibernate

- ○ Struts 1.0
- ○ JavaScript
- ○ Apache Tomcat

- **2006-2009 REP Retail empowerment program**
  - ○ Data migration for new frontend system
  - ○ Development of GUI and transactions with 3rd party java framework
  - ○ EJB, MQ, Jasper, Web Sphere
  - ○ Development and maintaining various software for banking industry

- **2014 - Casting system - web app for supporting casting business (private project)**
  - ○ C#
  - ○ LinQ
  - ○ JavaScript (Jquery)
  - ○ SQL Server

- **2009-2018 Developing and maintaining various software for financial industry**
  - ○ APS credit scoring system for Loans (Swing, EJB, SOAP)
  - ○ Connecting core banking system with SxS(Asseco SxS Auth Server)
  - ○ Connecting core banking system with Loxon (http://www.loxon.eu/)
  - ○ Implementing part of AML/FACTA standard
  - ○ Worked on implementation of PSD2 standard (open banking)

- **2019 ZenApp -   web app for ordering food (private project)**
  - ○ Spring boot
  - ○ Hibernate
  - ○ Thymeleaf
  - ○ Jquery
  - ○ PostgreSQL
  - ○ Heroku

- **2019 E-Recruit - backend of app for recruiting bussiness**
  - ○ writing test cases for API endpoints (Node.js, Express.js)

- **2020 OmoGuru - web app for people with reading difficulties(Dyslexia)**
  - ○ Backend
    - ■ Node.js
    - ■ Express.js
    - ■ Mongoose.js
    - ■ MongoDB
  - ○ FrontEnd
    - ■ React.js
    - ■ Tailwind.css
    - ■ EPub.js

- **2021 - OKC - web application (CURH)**
  - ○ Backend
    - ■ Spring framework
  - ○ FrontEnd
    - ■ Angular.js

- **2021 - DICU - web application (CURH)**
  - Backend
    - Spring boot
    - Hibernate
    - Mapstruct
    - Keycloak - identity/access management
    - liquibase - database change management system
  - FrontEnd
    - React.js
    - AntD.js
    - Tailwind.css

- **RuleEditorWeb - web application (CURH)**
  - BackEnd
    - Spring (XML)
    - MySQL
  - FrontEnd
    - React.js
    - Bootstrap.css
    - D3
    - Rule Admin (Adobe Flex)

- **CIS - web application (CURH)**
  - Backend
    - Spring (XML)
    - Neo4j

- **5x5 web app (CURH)**
  - Backend
    - Spring (XML)
    - MySQL
  - FrontEnd
    - React.js
    - AntD.js
    - Tailwind.css

Proficiency

Development
- J2EE (>10 years)
- J2EE Core Design Patterns
- Java XML development
- SQL
- Object-Relational mapping tools(Hibernate, Mongoose.js)
- Web technologies, Apache,
- JavaScript development (React.js, Angular.js, Node.js)
- Spring framework

Development tools
- VS code
- Vim
- Eclipse

Integration environment
- Apache Tomcat
- Cloud technologies (AWS, Heroku)
- Container development (Docker)
- CVS, GIT

Databases
- PostgreSQL
- DB2
- Neo4j
- MySQL/Mariadb

Operating systems
- Linux
- Windows

Languages

- English: active

Hobbies

- Windsurfing
- Snowboarding
- Inline skating