

Curriculum Vitae

PERSONAL INFO

Name: Zoran Djuric
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OBJECTIVE

An opportunity to work in a challenging and stimulating software environment, specifically in the areas of object-oriented design and programming, data management, and database systems.

SUMMARY

I am a Systems Architect and Java team leader with over 20 years of experience in designing and developing applications. I am familiar with relational and network databases and have experience in client/server and multi-tier architecture application development.

I possess extensive and in-depth knowledge of, and hands-on experience with, Java and Delphi. I have a strong educational background and teamwork experience. I am a highly organized and dedicated individual with a positive attitude, able to handle multiple assignments under pressure and consistently meet tight deadlines.

I have experience in all stages of application development, from strategy and analysis through design to the development and implementation of the solution.

With extensive experience spanning more than two decades, I possess advanced expertise in VISA and MasterCard payment systems, encompassing various aspects such as authorization, settlement, and closed-loop transactions. This advanced understanding of VISA, MasterCard, DINA, closed-loop payments, authorization, settlement, is backed by a track record of successful implementations and contributions to numerous projects in the financial domain.

EDUCATION

University

I graduated from the Faculty of Electrical Engineering at the University of Niš from 1993 to 2001, earning a Dipl. Ing. (B.Sc. in Electrical Engineering, Computer Science Department). During my studies, I focused on my thesis, which involved designing a database for managing the business operations of a specific company. For this project, I utilized the Borland Database Engine (BDE) and ADO database access technologies.

High school

"Gimnazija Radoš Jovanović Selja", Kuršumlija 1989-1993.

Language education

Advanced knowledge of English language

SKILLS

Certifications

IBM Certified Solution Developer - WebSphere Studio, V5.0



Databases

- PostgreSQL, Oracle, DB2, MariaDB, MySQL, MS SQL Server

Programming languages

- J2EE (20+ years) framework & almost everything you can imagine with Java :-),
- advanced knowledge of Delphi
- working knowledge of Visual Basic, Clipper

Knowledge

- Spring Framework, Struts Framework
- Hibernate, JPA, JDBC
- Lucene framework
- Web services: REST, SOAP,
- Web technologies: CSS, HTML, jQuery, JavaScript,
- Data security, OWASP, PCI DSS, PCI SSF,
- Apache Tiles, Site mesh.
- Docker, Kafka, Redis Cache
- XML based technologies (XML, XSD, XSL...)
- Servlets, JSP, JUnit...
- ISO8583
- ACH - a network used for electronically moving money between bank accounts across the United States
- VISA/MasterCard/DINA issuing, acquiring, authorizations, settlement, ... and many more utilized over the past 20+ years.
- Application servers: Tomcat, WebSphere, JBoss

Case and development tools

- advanced knowledge: Eclipse, Maven, Git
- advanced knowledge of MS Office suite
- medium knowledge of Erwin, Visual Paradigm, Rational Rose
- many others PC based tools and utilities

System platforms

- advanced knowledge of Windows 9x/2000/NT/XP..., MS-DOS
- working knowledge of Linux

EXPERIENCE

March 2003 – present – System Architect, Team leader, senior developer
(<http://www.tasgroup.eu>, <https://www.linkedin.com/company/arius-ad>)

- Card 3.0 - a revolutionary platform for issuing and managing multi-application payment products covering all business processes involved in the Payment Lifecycle (JBoss, WebSphere, MySQL, DB2, JPA, JSF 2.0, EJB 3.0, Ice faces, jQuery).

- PS Channels – Innovative payment solution. Using PS Channels, financial institutions, fintech's and other businesses build globally compliant real-time, cross-border payments solutions. PS Channels payments platform addresses issuing, acquiring and real-time payment challenges facing financial institutions, the retail and insurance industries and gaming properties. It processes digital and cash transactions while serving businesses as well as banked and underbanked consumers through crucial financial services such as money transfers, credit and debit processing, ATMs, POS services, branded payments, currency exchange and many more...
(Java, Spring framework, Kafka, Docker, Redis Cache, Hibernate, Spring Config Server, MariaDB/PostgreSQL/DB2/Oracle)
- Authorization module - The card authorization software is a high-performance solution designed to support 300+ TPS while operating on various databases. Built entirely using Java technology, this software ensures robustness, reliability, and platform independence. Its architecture allows seamless integration with different database systems, facilitating flexibility and scalability to meet diverse business needs.
(Java, PostgreSQL/Oracle/DB2/MariaDB, ISO8583)
- PCI DSS/SSF – contributed to enhancing the security posture of web applications to align with Payment Card Industry Data Security Standard (PCI DSS) and System and Organization Controls (SOC) for Cybersecurity requirements. This involved participating in software changes essential for compliance, particularly focusing on implementing measures to address PCI DSS/SSF Data Security Standards.
- System for personalization and identification of civil primary identification documents for Ministry of Interior Republic of Serbia (Web application-Java, Web Sphere 5.0, Oracle 9i, EJB 1.1, Jakarta Struts, PL-SQL, Java Script, HTML, DHTML)
- System for personalization and identification of passports for Ministry of Interior Republic of Serbia (Web application-Java, Web Sphere 5.0, Oracle 9i, EJB 1.1, Jakarta Struts, PL-SQL, Java Script, HTML, DHTML)
- PBPS - Personalization batch prepare system – Multi thread java web application - preparing data for documents personalization for Ministry of Interior Republic of Serbia (Web application-Java, Web Sphere 5.0, Oracle 9i, Jakarta Struts, Java Script, HTML, DHTML)
- AsoftIMS -. System for centralized real time issue management system (for ATM, Kiosk's) (Web application-Java, Tomcat, MS SQL, Spring, Hibernate, Java Script, HTML, DHTML)
- AsoftProcessing. Booking system for credit/debit card maintaining (Web application-Java, Web Sphere, MS SQL, Spring, Hibernate, Java Script, HTML, DHTML)
- NSL - National lotto system (with integrated SMS, POS tickets) (Web application-Java, Web Sphere, DB2, Spring, Hibernate, Acegi security, Java Script, HTML, DHTML)
- PIMS - Project issue management system – Manage employees, projects (tasks, subtasks...), issues and employee reporting time (by project, for a selected period...) (Web application-Java, Web Sphere 5.0., Oracle, DB2, Jakarta Struts, Java Script, HTML, DHTML, Cewolf chart library)

- AsoftReporting – Framework for defining jasper reports using XML (Web application-Java, Web Sphere, Oracle, DB2, Jakarta Struts, Jasper, Java Script, jQuery, Hibernate, JDBC)
- Mobile Recharge System (MRS) - Multi thread java application for mobile recharge (Java application-Java, DB2, ISO 8583 messages)
- AsoftCMS - Re/Design web application for card management (CMS - Card management system) (Web application-Java, Web Sphere 5.0, DB2, Custom JSP tags, Struts, Web services, Java Script, HTML, DHTML)
- AsoftATM software – This software solution provides a wide range of standard ATM transactions and includes mechanisms to open new service channels according to banking needs. (Web-application, Tomcat, background ATM calls handled by third-party DLL)
- ARC – Arius Core Library. This library is used in our company as the basic development library for web applications (Spring, Hibernate, JDBC, web services, custom JSP tags, and many other features).

May 2010 – May 2013 - Team leader, developer (<http://bestvision.solutions/>)

- Data Confidentiality System - centralizes and automates manipulation with registry files, mainly regarding bank clients' confidential information, as well as facilitates easy information findings (Web application, WebSphere 6.0, AS/400, RPG calls, DB2, Struts, jQuery, Ajax, Java applet, Morena scanner support library, IBM Crypto lite, barcode recognition/ZXing library).
- Internet banking software – web application (spring, oracle, tiles 2.0, PL-SQL, jQuery)
- ASKIT (Asset management software) – managing customer assets (Spring, JDBC template, Oracle, Tiles 2.0, PL-SQL, jQuery).
- Implemented security patches on several web applications using OWASP modules to address issues identified with HP Fortify analyzing tool.
- J-Portfolio - Portfolio management system designed for professional money managers, investment advisors, accounting firms... (Web application-Java, Tomcat 5, DB2 AS 400, Spring, Hibernate, Acegi security, JavaScript, RPG calls, HTML, DHTML).

March 2003 –June 2003, self-employed.

- Analyzed programming and administration of client-server applications for a stock-market business system and a system for bookkeeping of stockholders, commissioned by the brokerage firm EAST-WEST INVEST from Belgrade. Designed and administered a corporate network integrating both Linux and Windows XP operating systems (Delphi, Kylix, MySQL).

September 2002 – Jun 2003, during the service at the Yugoslav army, developer

Participated in the development of a client-server application for managing student, teacher, and tuition records at the Yugoslav Military Academy (Delphi, ADO, DCOM, MS SQL Server 2000).

April 2002 – September 2002, Telebet, developer (<http://www.mozzartbet.com>)

- Participated in the development of a client-server application for centralized management of a betting company (Java, EJB 1.1, JBuilder 6, Orion, Oracle 8i).

February 2001 – April 2002, Pamet-Visioninc, developer (<http://www.pamet.co.rs>)

- Participated in the development of Knowledge Base (KB) Vision's internal web application for resource planning and centralized management of the software development process. Developed Customer Management, Projects, 3D views, Folders, Prospects, and Library sections. Also participated in the development of other KB sections (Java, JSP, Struts, JavaScript, HTML, DHTML, Orion, MS SQL Server 7).
- Participated in the development of the Visual Basic application - CC-PORT, the Creative Curriculum Progress and Outcomes Reporting Tool (www.teachingstrategies.com).

~ 1990, self-employed.

- Software package for video clubs, automated generation, and design of MP3 catalogs (Delphi, ADO, MS Access DBMS).
- Software package (Dental clinic) for automated data maintenance in dental clinics (Delphi, ADO, MS Access DBMS).
- Software package (Computer shop) for automated tracking of selling computer components (Delphi, ADO, MS Access DBMS).
- Software package (Café 2) for clubs and cafés (Delphi, ADO, MS Access DBMS).
- The software packages mentioned above are widely used today in more than 30 countries around the world: Serbia and Montenegro, Republic of Srpska Krajina, Ireland, UAE, Malaysia, USA, Australia, Belgium, Macedonia, Canada... (This software can be found on my website <http://www.noproblemsoft.com>).
- Designed and published the website <http://www.noproblemsoft.com> (HTML, CSS).
Designed and published Online Auction web site
<https://web.archive.org/web/20201026214144/http://kupissimo.com/home.html> –
(Web application-Java, Eclipse, Tomcat, Hibernate, Spring, Custom tags, Ajax, Java Script, HTML, DHTML)
- www.marketingsrbija.com – CMS business portal (Web application-Java, Eclipse, Tomcat, Hibernate, Spring, Custom tags, Ajax, Java Script, HTML, DHTML)
- https://web.archive.org/web/20190615000000*/http://www.prevedime.com –
English Serbian, Serbian-English dictionary with more than 300.000 words and phrases (Web application-Java servlet, Tomcat, MySQL, Ajax, Java Script, HTML, DHTML)
- www.mydentalsoftware.com – is a multilanguage software, focused on small to medium sized dental offices (Delphi, MS access)
- Crypto Document Management System – CDMS is a Web-based report and document delivery solution that enables the secure, automated delivery (or search through document content, attributes...) and presentation of business information across the network to any browser-enabled desktop. With CDMS, users can access business-critical reports in a timely and secure manner (https and crypted files on hard disk using Triple DES). (Web application-Java, Eclipse, Tomcat, Hibernate, Spring, Acegi security, Struts, Custom tags, Ajax, Java Script, HTML, DHTML)