RESUME

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Objective:

Seeking a challenging role to contribute my skills and leadership in development to drive innovation and achieve business goals.

Highligths:

- 17 years of experience in designing, developing, and maintaining complex software systems.
- Friendly, flexible, and proactive manner.
- Successful in customer-facing work.
- Flair for creativity and design.
- Extensive internet and intranet development experience.

Employment history:

2022 / 08 -   **Jatheon Technologies, Inc., Software Developer**

Full-stack web developer, working on email and social network content archiving software.
Frontend implemented with Vue.js.
Backend implemented with Spring Boot.
System deployed on AWS, consisting of twenty-five microservices, nine relational MySQL databases, two Elasticsearch clusters, Amazon S3 file storage, and Amazon SQS.
Responsible for adding new features, bug fixing, integrations with other platforms, and software release deployment.

Major Accomplishments:

- Implementing new web application features, mainly related to increased demands for social network content types archiving in backend and frontend.
- Implementing support for new formats for content export to files.
- Resolving defects related to storage and memory leaks.

2019 / 01 - 2023 / 05   **ams Sensors GmbH, Software Developer**

Optimal optical sensor calibration regularization parameters selection using Matlab.
Sigma-Delta modulators coefficient selection with parametric simulations using Matlab.

Dominant parasitic capacitors detection tool using Cadence Skill programming language. Various signal plotting and sampling Cadence Virtuoso add-on utilities using Cadence Skill programming language.
Generating MS Excel reports from various text and HTML data sources using Python.
Collaborated with clients to gather requirements, analyze business needs, and propose technical solutions that aligned with their objectives.

Major Accomplishments:

- Reusable regularisation parameters curves generation based on existing measurements.
- Generator for sigma delta modulators coefficients selection tables implementation.
- Cadence Virtuoso addon for automatization of critical parasitic capacitors detection in integrated circuits implementation.

2018 / 08 - 2019 / 01   **HWT llc, Kruševac, Software Developer**

Mobile top-up requests processing server and configuration UI design and development using Vaadin framework and Spring Boot backend.
Report generating server setup and reports development and deployment.
Performance measurements and determining server units.
Database optimizations in queries, model and MySQL setup.
Platform testing engine design, and implementation using Python.

Major Accomplishments:

- Full software development lifecycle implementation, including requirements analysis, design, development, testing, and deployment.

2014 / 09 - 2018 / 08   **MNO llc, Belgrade, Software Developer**

Music authors and rights income distribution from Deezer and YouTube platforms including input files processing, distribution coefficients DB2 database schema design, and configuration web application programming.
Republic Tax office employees grading module for human resource software implementation with Oracle database and Oracle ADF framework.
Republic intellectual property office e-filing web application development with SOAP api and Vaadin framework.
Implementing clients and servers interfaces for various systems interconnectivity.

Major Accomplishments:

- Setup and including Pentaho Data Integration tool in existing web application in order to process files received from Deezer and YouTube.
- Performance issues removal (application and database) in human resources software modules.
- Creating architecture and implementing signifficant part of intellectual property office e-filing web application including document signing with authorized smart cards.

2011 / 09 - 2014 / 08   **Asseco SEE llc, Belgrade, Software Developer**

Financial transactions processing software based on jPOS development and maintenance.
System defects removal.
Interoperability and client interfaces development.
Analysis of request types, issues, and classification of them using production databases and external data sources.
MS Excel report generation using report server.

Major Accomplishments:

- Implementation of several POS and ECR requests processing switches.

2009 / 03 - 2011 / 09   **MNO llc, Belgrade, Software Developer**

Music Authors Rights Information System web application development using Java programming language, JBoss Seam framework, and DB2 database.
Sport objects registry web application development using Oracle ADF framework and Oracle database.
Primary healthcare software web application development with Oracle database and Oracle ADF framework.

Major Accomplishments:

- Fullstack implementation of music authors records module.
- Implementation of invoicing module for health centers.

2008 / 05 - 2009 / 01   **Agena Technology llc, Šimanovci, Engineer**

Hardware and software design and commissioning of several machines for connecting rod production line (DeTorque machine,
Ford Puma monoblock splitting machine).
Commissioning, software improvements, and hardware optimizations in inverters for Rotary Honer machine.
Maintenance and functional improvements of various grinding machines.

Major Accomplishments:

- Reducing control cabinet size Rotary Honer machines.
- Restauration and comissioning of couple of decades old grinding machine with relay logic control.

2006 / 07 - 2008 / 04   **Omnilogika llc, Belgrade, Software Developer**

Developing Oracle Partner Marketplace portal as Balkan region Oracle partners
technologies experience exchange portal.
Developing presentation tier for Primary Healthcare software.

Major Accomplishments:

- Communication with local Oracle office in order to gather requests for portal
  implementation.
- Defects removal in primary healthcare software.

2003 / 05 - 2006 / 06   **Linkom llc, Kruševac, Engineer**

PC assembly, maintenance, and administration. Networks setups and administration. VBA
Excel add ons and standalone applications programming.

Major Accomplishments:

- Broadening practical knowledge about computers.

Education:

School of Electrical Engineering, Belgrade
MSc in Electronics
Main fields of study: optoelectronics, signal processing, microcontrollers, control systems.

Skills:

Programming languages: Java, SQL, Matlab, Python, Cadence Skill, Javascript.
Frameworks and libraries: Oracle ADF, JBoss Seam, Vaadin, JSF, Hibernate, Eclipselink, jPOS, Spring Boot, Vue.js.
Databases: MySQL, PostgreSQL, Oracle, DB2.
Application servers: Oracle WebLogic, JBoss (4+, Wildfly), Tomcat, Jetty.
Tools: Standard web application development tools for database, middleware and client programming, Cadence Virtuoso.
Build, versioning and runtimes: Svn, Git, Ivy, Maven, Gradle, Jenkins, Docker, AWS cloud.

Courses:

May 2020   Cadence Skill & Skill Programming
Jan 2018   Udemy Spring Boot course
Mar 2012   Coursera Machine Learning
Nov 2007   Oracle Java, J2EE and ADF Bootcamp

Languages:

Serbian - native, English - proficient.

References:

Available upon request.