

Dragan Krstić

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Serbia

Experienced Java Developer with 17 years of expertise in designing, developing, and maintaining complex software systems. Proven track record of delivering high-quality solutions that meet and exceed client expectations. Seeking a challenging role to contribute my skills and leadership in Java development to drive innovation and achieve business goals.

Work experience:

2022 / 08 -

Jatheon Technologies, Inc., Programmer

Full stack web developer, working on e-mail and social networks content archiving software. Front end is implemented with Vue.js. Backend is implemented with Spring Boot. System is deployed to AWS and contains twenty five micro services, 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.

2019 / 01 - 2023 / 05

ams Sensors GmbH, Programmer

Optimal optical sensor calibration regularisation 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 addon 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.

2018 / 08 - 2019 / 01

HWT Ilc, Kruševac, Programmer

Mobile topup 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 optimisations in queries, model and MySQL setup.
Platform testing engine design and implementation using Python.
Conducted code reviews and implemented coding standards to ensure code quality and maintainability. Participated in the full software development lifecycle, including requirements analysis, design, development, testing, and deployment.

2014 / 09 - 2018 / 08

MNO Ilc, Belgrade, Programmer

SOAP and REST clients and servers interfaces for various systems interconnectivity.
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 intellectual property office e-filing web application based on SOAP api development.

2011 / 09 - 2014 / 08

Asseco SEE Ilc, Belgrade, Programmer

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.

2009 / 03 - 2011 / 09

MNO Ilc, Belgrade, Programmer

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 user interface programming.

2008 / 05 - 2009 / 01

Agena Technology Ilc, 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 optimisations in inverters for Rotary Honer machine. Maintenance and functional improvements of various grinding machines.

2006 / 07 - 2008 / 04

Omnilogika Ilc, Belgrade, Programmer

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

2003 / 05 - 2006 / 06

Linkom Ilc, Kruševac, Engineer

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

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 and versioning: Svn, Git, Ivy, Maven, Gradle, Jenkins.

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.