



Darin Masov

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POSITION

Senior Java developer

PERSONAL DETAILS

Residence: Sofia/Rousse

EDUCATION

Diplom: Technical University of Rousse, Bulgaria, MSc in Computer Technologies

More than 20 years professional experience in software architecture and development.

CAPABILITY

Deep knowledge and understanding in Java technologies and relational databases. Knowledge of Linux and network administration. Deep knowledge of hardware design. Experience of automotive communication protocols.

SOFT SKILLS

- High personal initiative, independent work
- High analytical skills, high abstraction capability
- Excellent communication skills to non-IT areas
- Creating concepts and effort estimation
- Milestone planning and tracking
- Scrum / Agile projects

TECHNOLOGIES

- Java, JavaEE, JSF, Servlets, Junit, REST, Hazelcast, micro-services
- Apache Tomcat, JBoss, Jetty, Glassfish, WebSphere
- Spring, Spring boot, Hibernate, JOOQ, Jboss seam
- Git, Bitbucket, SVN, PVCS, SourceSafe
- Jenkins, Maven, Ant
- Oracle DB (Development & administration), Postgres, MySQL
- hSQL, PL/SQL, Redis, Flyway, Lucene
- Jira, TestTrack, Canbanize
- Heroku PaaS, IaaS, SaaS
- Docker
- Nuxeo
- 3D modelling and printing
- Hardware design

LANGUAGES

Bulgarian
English
Russian

CERTIFICATIONS

- C developer
- C++ developer
- Java Developer (IPT intellectual)
- Java EE Developer (IPT intellectual)
- Marconi ICT, MTL language, (IFR Paris)
- Nuxeo fundamentals (Hyland university, Ohio, USA, 2022)
- Nuxeo backend basics (Hyland university, Ohio, USA, 2022)

PORTFOLIO

https://drive.google.com/file/d/1WmOyXHfmVVVTzWLMT2lOGAUqu7Rk_2dz/view?usp=sharing

The archive must be downloaded locally, is password protected, and the password is darinmasov9

PROJECTS

	03/2023 – now Non disclosure agreement
Automation engineer	
	12/2022 – 03/2023 Softbendr
Senior software developer	
Online marketplace.	
Technical requirements	
Kotlin, Spring, Spring-boot, Flyway, REST services - JSON, Postgres, JOOQ, microservices	
	11/2017 – 11/2022
Senior software developer	
Non disclosure agreement	
	10/2014 – 11/2017 Taller technologies

Senior software developer

Social network - GPS tracks and attached images, for mobile devices.

Technical requirements

Spring, REST services - JSON, Postgres, Hibernate, Redis, Cloudinary, Heroku PaaS

10/2014 – 11/2017
Taller technologies

Senior software developer

SaaS cloud system – ERP for the building industry.

Technical requirements

Spring, Hibernate, Hazelcast, MySQL, several Ubuntu IaaS, Apache WEB server, Tomcat WEB container.

10/2014 – 11/2017
Taller technologies

Senior software developer

SmartHome IoT project, based on BeagleBone hardware, and OpenHAB..

Technical requirements

Debian OS for BeagleBone.

10/2014 – 11/2017
Taller technologies

Senior software developer

PL/SQL integration scripts

Technical requirements

Oracle DB

07/2012 – 02/2014
Trade Marketing Solutions

Software developer

WEB based ERP and forecast system for Coca-Cola, co-development with Coca-Cola Vienna

Several WEB modules, every of them upgrades current ERP system:

1. Demand forecast - according to old logged data - predicts the demands for every store.
2. Distribution management - module for distributing and redistributing of goods for exact store.

Technical requirements

Tapestry, MySQL, Maven (m2e), ShanilleKit

01/2011 – 07/2012
BulSi

Software developer

- WEB based dictionary – neologisms (Jboss, Jboss Seam, EJB3, JPA/Hibernate, Postgres, facelets)
- WEB based dictionary – phraseological (Jboss, Jboss Seam, EJB3, JPA/Hibernate, Postgres, facelets)

Technical requirements

Jboss, Jboss Seam, EJB3, SQL, Postgres, facelets.

01/2011 – 07/2012
BulSi

Software developer

WEB based system for bibliography information

Technical requirements

Jboss, Jboss Seam, EJB3, JPA/Hibernate, Postgres, facelets, Lucene, JavaScript

01/2011 – 07/2012
BulSi

Software developer

Server-side validator. Validates information, entering by the user
<http://www.banite.egov.bg> etc.

Technical requirements

Xpath, XSLT, XML, DOM

07/2005 – 12/2010
Johnson Controls

Software test engineer

- Defect tracking. White and black box testing.
- Implemented installation and test scripts. C++ and JCI script (Basic based) for the target device - clusters for cars, BMW and VAG group. New and in production: automatic validation via MOST, CAN and K-BUS lines), KWP2000 diagnostics.

Technical requirements

JCI testing environment, Vector Informatik tools for CAN and LIN (CANoe, CANdela), Oscilloscope

Test engineer

- Development the software part and the hardware schematic of End Line Test (functional test) – automatic mechanical stress test for wipers. Standard wave analysis.
- Development the software part and the hardware schematic of End Line Test (functional test) - 9 different projects (15 test - fixtures) - hardware design and software. Modules for wiper cleaners.
- Software maintenance of End Line test (In-Circuit test) - 4 different projects - hardware design and software
- Client side part of Automatic test-result analysis, SPC, e-mail and SMS notice alarm, link with SQL server, automatic weight analysis
- Development the software part and the hardware schematic of End Line Test (functional test) - module for opening the trunk, - CAN bus with rest-bus simulation (multi-threading), protocol TP2.0 under KWP2000, K-LINE, Real-time messages and diagnostic session, wave analysis, parsing of Vector Informatik traces.
- Development the software part and the hardware schematic of End Line Test (functional test) – Hall - effect based positioning sensor with 16 bit micro-controller. Mathematical wave digital analysis: - Fast Fourier transitions, Median filtering, RC circuit emulation, mathematical derivatives etc.
- Development the software part and the hardware schematic of End Line Test (functional test) - module for 2 K-LINE synchronized wipers.
- Modification of DLL middle level driver for Windows for K-Line Annecy communicator, developed with Visual Studio, program language C.
- Development the software part and the hardware schematic of End Line Test (functional test) - module for automotive wipers.
- Linking to LabVIEW - DLL middle level driver for LIN CanCard XL with LIN option
- Thermo - conductivity test
- Development the software part of mass production control based on Image recognizing. Software for counting and checking the electronic modules before packaging. Brightness, contrast and gamma control, match pattern etc.

Technical requirements

LabVIEW 6.1. for Windows 98, Visual Studio, National Instruments acquisition card, pneumatics, Vector Informatik CanCard XL with LIN option, National Instrument's Imaq Vision and Vision builder. MTL programming language under Windows 98 OS, IFR (Marconi) IC testers. FESTO diagnostics protocol.

Electronics engineer

- Development the software part and the hardware schematic of Emulator that guarantees the normal functioning of ECU controlled petrol injector to LPG alternative fuel. User friendly command interface. Included reverse engineering.
- Development the software part of digital thermo regulator with clock for water-heater

- Hardware optimization of Electronic protecting of 3-phase motors in wide power range (up to 180 kW)
- Development the software part of 3D real time map generation, based on GPS and laser plane data acquisition.

Technical requirements

Programming language C, Protel PCB. SW tools for 8051 family micro-controllers (emulator and compiler), programming language Assembler.

06/1999 – 05/2000
DSM Ltd

Electronics engineer

- Development of microprocessor system for data recording and reading information by counters in a central automatic telephone exchange including hardware, software and PCB design. RS232 link to PC. User friendly command interface.
- Development the software part and the hardware schematic. Micro-controller for stepper motor.
- LAN and PC maintenance and repair

Technical requirements

Environment and tools: SW tools for 8051 family micro-controllers (IAR compiler), programming language assembly, C.

1994 – 1996

Electronics engineer

Radio and TV repair

Technical requirements

Oscilloscope, Multi-meter, Specialized tools etc.