

Eugene Markine

Buikslotermeerplein 449
1025 WR, Amsterdam
The Netherlands
Drivers license
<http://nl.linkedin.com/in/emarkine>
emarkine@gmail.com
+31 6 28736786



Personal profile

I am a software engineering professional with experience developing and managing a wide range of applications for various industries. I like to work in complex projects and design different architectural solutions. Besides development itself I like to deploy applications and packages on servers and to carry out their service.

Professional Experience

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|-------------------------------|---|
| 2015 December
2013 April | Lead Developer
<i>MarkeTraM, Amsterdam</i> <ul style="list-style-type: none">• The project aims to create a bridge between the professional trading platform Interactive Broker delivering real stock quotes and professional market analysis tools and distributors of binary options• The system is based on professional trading platform Interactive Broker and save ticks and bars to the database.• The database is used RoR application for analysis of the market situation• For the performance calculation of data for different technical indicators is used system of lightweight Java applications• For different brokers is used various adapters which do automatic system of registration and opening of transactions in the browser• For development (Ubuntu) end production (CentOS) environments was wrote many Shell scripts.• The trading robots are used a trained neural network to increase the number of deals in money• Visual system quotations based on canvas and shows bars and a set of indicators
<i>Ruby on Rails, MySQL, Java Persistence API, Java Swing, Interactive Broker, TWS, IB Java API, Scrum, Spring, Ubuntu, CentOS, BashShell, Apache, Tomcat, HTML5, Canvas, jQuery, CoffeeScript, Binary Options, Neural Network, Algo trading</i> |
| 2013 March
2012 August | Web Developer
<i>Cimdi, Amsterdam</i> <ul style="list-style-type: none">• Developing webshop for handmade Latvian knitwear• Integration with payment systems PayPal and Mollie
<i>Ruby on Rails, MySQL, HAML, SCSS, OSX, CentOS, BashShell</i> |
| 2012 May
2012 January | Web Developer
<i>Barbatiview, Greece: Corfu</i> <ul style="list-style-type: none">• Developing reservation system for a hotel on Greek island Corfu
<i>Ruby on Rails, MySQL, MongoDB, HAML, SCSS, OSX, CentOS, BashShell</i> |
| 2011 October
2010 February | Software Developer, Security Officer
<i>Digidentity, Hague</i> <ul style="list-style-type: none">• Creating SSCD (Signature Secure Creation Device) functional module for SafeNet HSM (Hardware Security Module)• Writing a library with Ruby C Extensions for communication between this module and Ruby on Rails web application• Creation of the cryptographic context for HSM is based PKCS standards
<i>Ruby on Rails, MySQL, C, Cryptography, SSCD, PKCS, HSM, OSX, CentOS</i> |

- 2009 November
2008 November
- Software Developer**
The ministry of the Interior and Kingdom Relations (BZK), Hague
- Creating some view parts, dialogs and wizards for Eclipse plugin
 - Implementation of GUI Eclipse parts connector to Filenet system
J2EE, Eclipse, RCP, JFace, JRuby, LDAP, Filenet
- 2008 October
2008 July
- Software Developer, Tester**
Sdu Identification, Haarlem
- I was dealing with computer security, cryptography, smart card and embedded technology. My task was to test an applet based on Java Card technology
 - I made a standalone Java application based on JFace technology ReportViewer which shows testing scripts results.
J2EE, Eclipse, Jface, JavaCard, SmartCard, Cryptography
- 2007 November
2007 April
- Web Developer**
ING Bank, Amsterdam
- Developing FixingTool stand-alone Java application based on JFace for fixing of NDF deals
 - JMS services for communication between my application and ING backend systems.
J2EE, Hibernate, Struts, JFace, JMS, NDF, Oracle
- 2006 June
2005 March
- Scientific Software Engineer, Consultant**
VU University, Amsterdam
- Developing a standalone Java application which works as a Front-End of PRBA (Pseudo Random Binary Array) Corneal Topographer
 - For communication with mathematical models is used JNI (Java Native Interface)
JFace, RCP, SWT, J2EE, Hibernate, JNI, C++, MySQL, Matlab
- 2004 November
2004 February
- Software Developer**
Backbase, Amsterdam
- Creating server side components for AJAX engine
 - Within this Single Page Interface, users can activate content directly into their screen without the need to flip through multiple pages
J2EE, JSF, Struts, Cactus, WebSphere, WebLogic, JavaScript, XML, XSLT, XPath, CSS, XHTML, SQL
- 2003 September
2000 September
- Software Developer, Consultant**
De Nederlandsche Bank (DNB), Amsterdam
- Base module design of eLine reporting system and lead programmer
 - I was responsible to select a PKI provider for this project
J2EE, J2EE, EJB, Swing, WebSphere, AIX, DB2, XML/XSL, HTML, SQL, RUP, UML, PKI, Entrust

Education

- 1996 – 2000
- Computer Science** Graduated
Vrije Universiteit Amsterdam
- 1990 – 1995
- Theoretical Physics** Graduated
Moscow State University

Languages English, Dutch, Russian

Key Skills Java J2EE Eclipse RCP Swing Ruby RoR C C++ SQL MySQL Oracle MongoDB Apache Tomcat OSX Linux RedHat Ubuntu CentOS LDAP HTML5 HAML CSS SCSS jQuery CoffeeScript JMS JPA Hibernate EclipseLink Spring Struts Scrum RUP UML Cryptography PKI SSCD PKCS HSM Matlab Subversion Git InteractiveBroker TWS IBJavaAPI BinaryOptions Futures CFD NeuralNetworks AlgoTrading

Hobbies Sailing, Writing short stories, Travel