

**EUROPEAN
CURRICULUM VITAE
FORMAT**

PERSONAL INFORMATION

Name **DYANKOV, DEYAN VLADIMIROV**
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Github <http://github.com/deyandyankov>

Nationality Bulgarian
Date of birth 23 OCTOBER 1986

WORK EXPERIENCE

- Dates (from – to) June 2015 - present
- Name and address of employer Vodafone Global Enterprise (Newbury, UK)
- Occupation or position held Data Scientist
- Main activities and responsibilities The main project I am working on is a revenue forecasting and anomaly detection system that makes use of statistical and machine learning methods. The rest of the projects normally include graph databases and algorithms. I am also responsible for all kinds of data activities like batch and real-time ETL processes, establishing and maintaining different data structures and aggregations in relational and non-relation databases.

- Dates (from – to) March 2014 – June 2015
- Name and address of employer Vodafone Global Enterprise (Newbury, UK)
- Occupation or position held IT Architect
- Main activities and responsibilities Consolidating data feeds from various source systems into a single environment. Eliciting business requirements, data needs and architectural dependencies. Working with stakeholders and tech people to ensure smooth migration and operation.

- Dates (from – to) November 2013 – March 2014
- Name and address of employer Vodafone Global Services (Düsseldorf, DE)
- Occupation or position held Big Data and Analytics Specialist
- Main activities and responsibilities Developed efficient flows and data models for Vodafone's Hadoop Data Warehouse. Projects involved correlating, aggregating and enriching component log data, making it fit for ad-hoc and streamlined reporting.

- Dates (from – to) April 2013 – November 2013
- Name and address of employer CloudXCel
- Occupation or position held NoSQL Architect
- Main activities and responsibilities CloudXCel had huge amounts of web logs that they needed to index in real-time and be able to perform full text searching and batch analysis on. My main task was to provide and document an end-to-end solution for their needs. The whole architecture stack relied upon open-source services from the hadoop ecosystem and other NoSQL databases like ElasticSearch and Riak.

- Dates (from – to) June 2012 – April 2013
 - Name and address of employer Skril
 - Type of business or sector E-money
 - Occupation or position held NoSQL Architect
 - Main activities and responsibilities Migrating key financial data and functionality from Oracle Data Warehouse to modern non-relational databases. Making use of Hadoop, Hive and other alternative solutions for storing and analyzing data.

- Dates (from – to) April 2010 – March 2012
 - Name and address of employer Skril
 - Type of business or sector E-money
 - Occupation or position held Database Development Team Leader
 - Main activities and responsibilities Lead a team of database developers building Skril's financial Data Warehouse by following agile development principles. Our goal was to provide Skril's Business Intelligence team with a data model optimized for information retrieval.

- Dates (from – to) March 2008 – April 2010
 - Name and address of employer Skril
 - Type of business or sector E-money
 - Occupation or position held Database Developer
 - Main activities and responsibilities Database development in an Oracle environment – supporting application developers by designing data models and implementing business logic in the database. Heavily focused on optimisation techniques in an OLTP system.

- Dates (from – to) November 2006 – March 2008
 - Name and address of employer ProCredit Bank
 - Type of business or sector Banking
 - Occupation or position held Database Administrator
 - Main activities and responsibilities Oracle database administration of the bank's main information system, production releases, resource planning.

- Dates (from – to) January 2006 – October 2006
 - Name and address of employer CableSat West (UltraNet), Dupnitsa
 - Type of business or sector Communications
 - Occupation or position held System administration / Developer
 - Main activities and responsibilities BSD and Linux administration as well as network administration and development. I was focused on developing a management system (using the LAMP stack) that managed the configuration for providing households with internet access. As of 2012, the system is still in use.

EDUCATION AND TRAINING

- Dates (from – to) September 2000 - May 2005
 - Name and type of organization providing education and training St. Clement of Ohrid
 - Principal subjects/occupational skills covered French, English
 - Title of qualification awarded High School diploma

- Dates (from – to) September 2009 – July 2012
- Name and type of organization providing education and training Plovdiv University "Paisii Hilendarski"
- Principal subjects/occupational skills covered Informatics
- Title of qualification awarded Bachelor degree; Thesis subject: "Scenarios for analysing performance in relational and non-relational database management systems"

- Dates (from – to) September 2016 – August 2018 (expected)
- Name and type of organization providing education and training University of Reading
- Principal subjects/occupational skills covered MSc Advanced Computer Science
- Modules include mathematics and statistics, data analytics and mining, big data analytics, cloud computing, machine learning

PERSONAL SKILLS AND COMPETENCES

Acquired in the course of life and career but not necessarily covered by formal certificates and diplomas.

MOTHER TONGUE BULGARIAN

OTHER LANGUAGES

- Reading skills **ENGLISH** 3
- Writing skills 3
- Verbal skills 3
- Reading skills **FRENCH** 2
- Writing skills 1
- Verbal skills 1
- Reading skills **RUSSIAN** 2
- Writing skills 1
- Verbal skills 1

SOCIAL SKILLS AND COMPETENCES A GOOD LISTENER WHO ALWAYS HAS SOMETHING TO SHARE

ORGANIZATIONAL SKILLS AND COMPETENCES A DISCIPLINED AND SELF-DRIVEN INDIVIDUAL THAT COMMUNICATES WELL AND KNOWS HOW TO APPROACH A TASK, PROJECT OR A PERSON.

TECHNICAL SKILLS
AND COMPETENCES

PROGRAMMING: SQL, R, PYTHON, JULIA, RUBY, PHP, JAVA, BASH, PERL, C

FRONT-END WEB DEVELOPMENT: HTML, CSS, JAVASCRIPT

SYSTEM ADMINISTRATION: *BSD, LINUX

DATABASE PROGRAMMING/ADMINISTRATION: ORACLE, POSTGRESQL, MYSQL, NEO4J, HADOOP,
HIVE, PIG, RIAK, ELASTICSEARCH, HBASE

PRACTICES AND METHODOLOGIES: AGILE DEVELOPMENT, TEST-DRIVEN DEVELOPMENT, DISTRIBUTED
VERSION CONTROL, ISSUE TRACKING

OTHER SKILLS
AND COMPETENCES

BRAZILIAN JIU-JITSU, SNOWBOARDING, SURFING, SPORT CLIMBING, YOGA

DRIVING LICENSE(S)

Yes

ADDITIONAL INFORMATION

3RD PRIZE IN NATIONAL IT OLYMPIAD 2004, SECTION "WEB SITES", PROJECT NAME "МОНИКА" --
HTTP://EDUSOFT.FMI.UNI-SOFIA.BG/NATIONAL.HTM

3RD PRIZE IN NATIONAL IT OLYMPIAD 2005, SECTION "INTERNET APPLICATIONS", PROJECT NAME
"BGBASH" -- http://edusoft.fmi.uni-sofia.bg/documents/protokol_final_2005.doc