

JACOB GOVSHTEYN

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github.com/yasha0b1

yasha0b1.github.io/portfolio/

PROFESSIONAL SUMMARY: Result-oriented, hands-on professional, with a successful record of accomplishments. Major strengths include strong leadership and capacity to work as a team player, as well as excellent communicational skills. The professional attitude is grounded in the cross-cutting knowledge of the technical fields.

WORK EXPERIENCE:

HP Enterprise Services

Sep 2013– Present

Data Engineer

www.hpe.com

5400 Legacy Drive,

Plano, TX 75024

972.604.6000

- Developed custom Java ETL tools for batch importing of legacy persistent xml medical records to Oracle 11g database.
- Leveraged Oracle Nashorn JavaScript and Python engine to streamline modeling tasks.
- Perform lineage mapping and metadata harvesting with Oracle Enterprise Metadata Management 12g
- Created and updated data models using SQL Developer Data Modeler(SDDM) for the data warehouse team
- Python BI Reshaping and aggregation of data from disparate source for external API interaction and automation of healthcare electronic data interchange system
- Python automation and scripting for TennCare data warehouse ETL tasks.
- Implemented and maintained data warehouse MITA based modeling standards
- Allocated and managed test data on all platforms using test data management tools.
- Migrated legacy Erwin database model to an Oracle Data modeler system.
- Integrated SVN versioning features with the Oracle Data modeler, and imported model source into the repository.

Softcard Mobile

March 2012 – Sep 2013

External Integration Analyst

13155 Noel Rd 2nd Floor

Dallas, TX 75240

phone: 972.674.8500

- Designed and Implemented WSDL documentation system using SoapUI Java API and Open Office XML standards.
- Designed, implemented, and supported testing infrastructure for enterprise platform mobile payments integration.
- Maintained multiple sandbox environments for physical and simulated NFC payments testing scenarios.
- Oversaw end-to-end data integration between internal SOA development teams and external database and transactions systems
- Identified and documented requirements and change requests. Communicated requirements to both external partners and the Softcard service team, identified gaps, and followed up on solutions.

ARGO Data Resource Corporation, Inc.

January 2009 – March 2012

Software Engineer II

www.argodata.com

1500 N. Greenville Ave, #1118

Richardson, TX 75082

phone: 972.866.3300

- Designed, Implemented, and tested ARGO's contact center solution utilizing ASP.NET, SQL, jQuery, XML, XSLT and ARGO's proprietary ADS(Bankpro).
- Planned, executed, and tested customer specific solutions to leverage paralleled asynchronous host communications for response time and performance enhancement.
- Worked closely with implementation and QA teammates to ensure assigned functionality adhered to performance and development standards.
- Lead efforts to reduce down time while performing development Environment upgrades.

- Participating in on-site development and design sessions with Fortune 500 banking institutions.
- Actively took part in recruiting efforts including peer mentoring, career fair presentations, and interviews

Kannuu, Inc.

February 2008 – November 2008

Software Engineer

www.kannuu.com

5605 N. MacArthur Blvd, Suite 1118

Irving, TX 75038

phone: 214.295.5538

- Utilized C++ to integrated database(MySQL, SQLServer, SQLite, Oracle), Unicode, and networking support into existing architecture.
- Performed cross platform testing of system architecture (Linux, Solaris, and Windows).
- Analyze product requirements; design, develop, troubleshoot, debug, deploy and document software components.
- Developed a Server-Side Python Web client with embedded HTML/CSS. The Stateless client interpreted JSON objects from indexing apache/FastCGI server, and presented lookup method to the user.
- Developed a multi-threaded performance test application to analyze execution time, response time, and eliminate server bottle necks.
- Utilized Python to simulate random user input in index tree-traversal execution scenarios.
- Worked closely with other software engineers and Support groups as well as Retail Business and Operations groups to develop top quality products that solve actual business and technology problems.

Alert Logic, Inc.

December 2007 – February 2008

R&D Internship

www.alertlogic.com

1776 Yorktown

Houston, TX 77056

phone: 877.484.8383

- Utilized C++ programming to support a network security product delivered through a Software-as-a-Service (SaaS) model operating in a hosted Linux environment.
- Developed SSH functionality for a remote network configuration application using OpenSSH, Cisco Pix firewall, Snort IDS and SnortSAM
- Participated in architecture meetings and ongoing design review.

EDUCATION

University of Texas at Dallas

Richardson, TX

BS in Computer Science

December 2007

Certificate

Johns Hopkins University

[Data Science Specialization](#)

August 2015

A 10-course, R based specialization by Johns Hopkins University on Coursera.

Selected Courses: *R Programming, Getting and Cleaning Data, Exploratory Data Analysis, Statistical Inference, Regression Models, Practical Machine Learning.*

Certificate

University of Washington

[Machine Learning Specializations](#)

December 2016

A 4-course machine learning specialization taught via GraphLab, a Python-based software specialized in analytics

Courses: *Machine Learning Foundations: A Case Study Approach Machine Learning: Regression Machine Learning: Classification Machine Learning: Clustering & Retrieval*

Continuing Education

For a detailed list visit

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LANGUAGES: Bilingual, Fluent in Russian