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LEAD DEVELOPER

A results-driven Software Developer with demonstrated success in the architectural design, development and deployment of large-scale global e-Commerce systems, Social Media networks and high traffic websites for different industries with strong focus on Interface Development and Better User Experience. Over 15 years of experience developing systems, websites, databases, engineering and project management with deep understanding of object-oriented analysis and design with extensive experience building software. Proven ability to lead and motivate high performance teams. History of building software systems with improved functionality and productivity, consistently meeting critical requirements and suited for challenging, fast paced environments.

AREAS OF EXPERTISE

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|---|-------------------------------|-------------------------------|
| ▪ jQuery, Ajax, JSON, REST | ▪ Ecommerce Web Applications | ▪ Architecting |
| ▪ React, ExtJS, Dojo | ▪ Social Media Networks | ▪ Data Processing |
| ▪ Node, Backbone/Marionette, React, Angular | ▪ Payment Processing Gateways | ▪ IT Leadership |
| ▪ Mongo, PostgreSQL, MySQL | ▪ PayPal, Moneris | ▪ Project Management |
| ▪ LAMP Stack | ▪ Online Advertising | ▪ Test Driven Development |
| ▪ HTML, CSS, XML | ▪ Internal Audit | ▪ Behavior Driven Development |
| ▪ Drupal, Codeigniter, Yii | | ▪ Network Administration |
| ▪ Perl, PHP/MVC | | |
| ▪ Apache, Lighttpd, nginx | | |

LEADERSHIP COMPETENCIES

- Collaborate with technical teams and key decision makers in the development and evolution of technical standards, guidelines, IT roadmaps, usability and scalability.
 - Mentor and train team members and management on organizational objectives and “mission critical” projects, ensuring all deadlines were met and IT operations remained functional.
 - Initiate and manage projects and software for IT operations, including requirements gathering, vendor selection, RFP generation and review and software acceptance and implementation.
 - Develop and implement plans to leverage IT resources to make key business functions more efficient, collaborating with project teams, integration and technical support.
 - Oversee disaster recovery related processes and business continuity planning, ensuring procedures were in place to secure proprietary information.
 - Train others on system administration and end users on best practices in managing and using the systems available.
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PROFESSIONAL EXPERIENCE

HSBC, 2015

Founded in 1865 to finance trade between Asia and the West, today HSBC is one of the world's largest banking and financial services organizations serving some 55 million customers. Aim is to be acknowledged as the world's leading international bank.

LEAD UX DEVELOPER

Project: UI Factory

- Leading the development workstreams by example, carefully introducing technics and development workflows such as Continuous Integration, Continuous Delivery, modular web components, CSS/SASS strategies, packaging/versioning etc.
Technologies: **JavaScript, Dojo, Jenkins, SASS, Selenium, Intern, Node.JS, RTC, Git.**

FARMATHAND, 2015

Farm At Hand is an integrated cloud-based farm management platform that allows you to manage your entire operation from seed to sale, anywhere, anytime.

WEB/API DEVELOPER

Project: web-based application

- Hardcore JavaScript technics and bleeding edge technologies made possible rolling out new features (like mapping the fields, complicated exports, offline synchronization, adaptive dashboard, onboarding wizard etc.) in a matter of days.
Technologies: **Javascript, ES6, ReactJS, D3, SCSS, PostgreSQL, Node.JS, Shipit, Ansible, Amazon EC2**

PENDORENT, 2014

Pendorent.com – financial tools that help landlords maximize cash flow on their rental property investment.

SENIOR SOFTWARE DEVELOPER

Project: Pendorent.com

- Developing transaction management workflow support, financial calculators, forecasting and prediction tools.
Technologies: **Javascript, Backbone/Marionette, D3, LESS, MongoDB, Node.JS, custom JS frameworks and components.**

WITKIT, 2014

Witkit allows businesses to capitalize on collaboration, making people more efficient and productive. As the most comprehensive social collaboration toolkit, Witkit expands our capacity of problem solving beyond today's limits.

SENIOR SOFTWARE DEVELOPER

Project: Witkit – Facebook killer

- Developing the fast growing, next generation collaboration network. Hardcore JavaScript (front and back).
Technologies: **Javascript, XUI, LESS, MongoDB, Cassandra, MariaDB, Node.JS, PHP, custom JS frameworks and components.**

HSBC, 2013 - 2014

Founded in 1865 to finance trade between Asia and the West, today HSBC is one of the world's largest banking and financial services organizations serving some 55 million customers. Aim is to be acknowledged as the world's leading international bank.

LEAD UX DEVELOPER

Project: Global Services Platform - online banking and account management

- GSP project is a result of collective work of many development teams scattered around the world. Working side-by-side with System Architect, I am responsible for Software Delivery, from analyzing and translating business requirements into work orders, making architectural decisions of functional

decomposition and logical design, identifying unified cross-functional web components, through supporting best coding practices, principles of consistent code and establishing accessibility and cross-browser compliance procedures, to coordinating development efforts between various teams in India, Hong Kong and England.

Technologies: **Javascript, Dojo, JSON, REST, Sass.**

SAFEWAY, 2013

For many Americans, "going to Safeway" is synonymous with "going to the grocery store." Safeway is one of North America's largest food retailers, with more than 1,600 stores.

LEAD UX DEVELOPER

Project: JustForYou Loyalty Portal

- Worked on a new generation of customer-facing portal, focusing on users experience, stability and responsiveness. Owned and developed critical components of the web application. Contributed to design and user interface requirements and guidelines. Administered automated functional, integration and performance testing. Streamlined the deployment process. Re-implemented frontend-backend interfaces that significantly reduced backend workload and improved responsiveness and stability; page generation times reduced by 70%. Coupons and special offers are online now!

Technologies: **Javascript, jQuery, ExtJS, JSON, REST, Java, Oracle, TeamSite, LiveSite.**

TECK RESOURCES LIMITED, VANCOUVER, 2012 - 2013

Diversified Resource Company committed to responsible mining and mineral development with major business units focused on copper, steel, zinc and energy. Information Services Department is responsible for over 2000 servers located at several data centers across the globe.

INFRASTRUCTURE INFORMATION INTRANET DEVELOPER & ARCHITECT

Project: Intranet Resource Management console

- Developed the enterprise-level management, analysis and planning console and object-based documentation repository that co-exists with actual management and reporting tools, pulls data feeds to produce KPIs and calculates critical capacity constraints. The developed system provides the bird's eye view on the infrastructure, helps with versioning, patch and license management, resource planning and predicting bottlenecks. One of the most important features of the system is its innovative AJAX-driven web interface designed to simplify and de-clutter the presentation of underlying complex data structures, automatically reorganizing the interface to suit individual users by performing heuristic analysis of their individual workflow patterns.

Technologies: **Javascript, jQuery, Backbone.js, MongoDB, JSON, PHP/MVC, PowerShell, Orchestrator, App Framework, Microsoft SQL, MySQL, NetApp, DataDomain.**

INDEPENDENT CONTRACTOR, 2010 - PRESENT

Work independently for various clients leading technical and analytical teams to achieve desired results liaising between the product owners and outsourced development teams to monitor progress and overcome obstacles as well as maintaining hands-on development in database architecture, programming and reporting. Some of the projects are:

- Full service multiplatform travel companion (works on iPhone, BlackBerry, Android, mobile and desktop browsers). The application has everything any traveller needs – airfare and hotel bookings and reservations, weather forecast at destination point, itinerary, maps, restaurants, shopping deals. Almost like Expedia, just better.
- Metrics analysis and processing for **Nokia, Canada**
Designed and developed genuinely flexible reporting system that is capable of accessing various internal and external data sources, aggregating intermediates and producing relevant reports.
- Asset management and performance analysis system.
A data warehouse which is capable of aggregating statistics from several revenue stream providers, using API hooks to fetch data directly as well as supporting manual data insertion and validation. Developed a plugins framework to easily add new data providers as company grows. Database was designed to handle and process hundreds of thousands of new records daily. Secure web interface

was designed to provide an easy access to historical records and generate complex reports in real time using a cache-ahead approach. Various analytical tools provided an in-depth overview of assets and their performance.

- Online project management solution with enhanced contractors' management, planning abilities and reporting.

Secure online PM software with a unique twist to simplicity that encourages use and collaboration by the entire team. Well-defined built-in project planner helps scheduling a new project, allocating resources and managing the costs. Projects are organized into tasks and subprojects, providing on-the-fly reallocation of resources as needed. Multi-level user classes are supported with defined privileges and areas of responsibility. Decisions approval workflow is an integral part of the system. Extensive daily and weekly reports are generated automatically and can be viewable on the screen or emailed to the users.

Technologies: **jQuery, Backbone.js, Node.js, PhoneGap, MongoDB, PHP, Perl, Drupal, Codeigniter, Yii, CentOS, Ubuntu, Apache, jQuery, JSON, PostgreSQL, MySQL, Drupal**

REINVENT TECHNOLOGY, INC., VANCOUVER, 2006 – 2010

Undisputed leader in the domaining industry, building unique, highly integrated collection of vertical networks and creating profitable businesses and online communities.

SENIOR WEB SOLUTIONS DEVELOPER & ARCHITECT

- Developed and maintained core systems of the company, which is still currently used.
- Created projects to be extremely reliable, fast and easy to it could be used by millions of users worldwide.

Project: Vancouver.com

- Designed and managed development of the Virtual Panorama addition. Created stunning 360-degree interactive views from atop of Vancouver region featuring all major points of interest and had dramatically increased visitors experience and significantly increased the user base.

Technologies: **Perl, PHP/MVC, Memcache, jQuery, JSON, Flash, ActiveScript, REST, PostgreSQL**

Project: BlackFriday.com

- Developed the very first version of Ecommerce network of this kind. Designed, developed and launched in days and exceeded the initially set goals in user base growth and revenue.

Technologies: **PHP, Lighttpd, Smarty, jQuery, REST, PostgreSQL**

Project: Revenue and traffic statistics system

- Collaborated in development, evolution and support for the core business platform that scaled across millions of domains. Developed a click fraud prevention system. Provided technical leadership that lead to win Best Developer of the Year Award from TRAFFIC 2008 conference.

Technologies: **PHP/MVC, Perl, Lighttpd, Memcache, Smarty, jQuery, JSON, Web2.0, REST, PostgreSQL**

Project: Asset Management, Financial Reports and Audit Framework

- Developed database layer, back end and front end in less than two months using Agile methodology. Demonstrated attention to detail, ensuring the data was 100% accurate.

Technologies: **PHP, Perl, Drupal, Apache, jQuery, JSON, PostgreSQL, MySQL**

MEDIALOGIC, INC., VANCOUVER, 2005 – 2006

A versatile highly effective domain management company, leveraging cutting-edge open source technologies and unique management style to produce the most cost-effective solutions.

WEB APPLICATIONS DEVELOPER, UNIX SYSTEMS ADMINISTRATOR

- Created the fastest registry interface subsystem recognized by Verisign. Capable of performing 400,000 domain operations per hour.
- Maintained several database simultaneously and web clusters, using various administration tools (nagios, heartbeat, amanda etc.) to insure 100% uptime.
- Led daily transaction logs retrieval and processing, incoming email handling and database statistics reports.

- Installed and maintained operating environment, commercial web and email applications, and custom applications on servers.
- Performed troubleshooting and analysis of hardware and application issues.
- Executed several long-term projects.

Project: .COM/.NET/.ORG Domain Registrar

- Designed back end as a set of modules making possible to add new TLDs as needed. Supported both major registry/registrar protocols. Optimized database to make seamless queries to huge tables possible. Integrated registrar front end with the rest of the Company's projects. Technologies: **Perl, PHP, Javascript, jQuery, Lighttpd, JSON, REST, PostgreSQL**

HORIZON DATASYS INC., VANCOUVER, 2004 – 2005

Vancouver-based reseller of desktop security software, targeting schools and educational institutions all across North America.

WEB APPLICATIONS DEVELOPER

- Projects: ECommerce solution with Moneris Gateway, Email Anti-spam Filtering, back-office systems development and support, custom software development
- Installed and administered linux based server, web design, developing online store, developing back office contact management and order processing systems and integration with QuickBooks and GoldMine; antispam solution development.
- Developed various monitoring, administration and productivity tools.
- Built template driven design on PHP and Smarty, server daemons on Perl and MySQL and PostgreSQL as databases.
- Created anti-spam system based on Milter interface to send mail written on Perl.
- Developed various security and system tools for Windows using C++ (desktop protection, user activity monitor, remote administration tools etc.).
- Performed end user support and troubleshooting. Technologies: **Apache, PHP/MVC, Perl, Parser, MySQL, Moneris API**

SYSCON JUSTICE SYSTEMS LTD., RICHMOND, 2002

A global technology solutions provider for the corrections agencies. Over 86,000 professional corrections administrators and line staff rely on Syscon to manage more than 430,000 offenders in over 500 secure facilities.

SOFTWARE DEVELOPER

- Developed multipurpose data exchange middleware and working prototype.
- Synchronized, monitored and analyzed data flows between two databases, transformed and validated this data.
- Duties included concept design and application development.
- Developed Middleware in Perl and Java, using TPC/IP, JDBC, SOAP, RMI and MQSeries to interact with various applications and databases.
- Reduced transition period from an old database application to a new one from 6 months to 4 weeks using Middleware. Technologies: **Java, Perl, Oracle, SOAP, MQSeries**

MICROTEST LTD., RUSSIA, 1998 – 2001

Technology solutions provider for the Ministry of Railway Transportation of the Russian Federation.

SOFTWARE DEVELOPER

Project: ECommerce Portal for the Ministry of Railway Transportation. The project allowed an easy way to interact freight customers with freight service providers.

- System design and technical documentation, coding and implementation of communication modules, database system and user interface, integration of the developed system into existing industrial environment.
- After one month, freight customers' activity expanded by 150% and corporate income increased by 25%.

Project: ShieldMail and ShieldInternet systems.

- Developed to protect private Ministry network from potential security exposures created by the Internet.
- Developed Solutions in Perl and C++ under HP/UX and Linux, utilizing MQSeries for data transfer to and from the protected network.
- Generated innovative ideas including creating project concept and code writing.

Project: Webbased Document Workflow

- Organized project layout, system architecting and coding custom solutions for document input, storing, marshaling and processing.
- Included User Interface design, Content Management design, Perl/PHP programming, utilizing Oracle database for document storage.
- End product handled approximately 20 Gigabytes of documents and could accommodate growth of 2 Gb per week.

Technologies: **Perl, Oracle, Apache, PHP/MVC, C++, MQSeries, Javascript**

LOGOS LTD., RUSSIA, 1996 – 1997

Largest print media and newspapers distributor in Russia

SOFTWARE DEVELOPER**Project: The Information Trading System**

- Created new information trading system as a Client-Server application by adopting some of the existing software within it.
- Analyzed the initial data, Data Structure Design, refactored an old code and wrote a new code. Front end was written using C++/Delphi and Oracle.
- Developed system could build nearly 2000 different types of business diagrams that helped to make efficient management decisions and the company finished that financial year with excellent profits compared to the year before.

Technologies: **Oracle, C++, Delphi, TCP/IP**

EDUCATION & TRAINING

BACHELOR OF SCIENCE, Computer Science, Moscow University of Radiotechnics, Electronics and Automation, 1990 – 1996

TECHNICAL BACKGROUND:

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| JavaScript, Perl, PHP, SQL, Shell, LAMP, HTML/DHTML, CSS, XML, Apache, MySQL, Linux (CentOS, Gentoo, Fedora, Ubuntu), Windows (9x, 2k, XP), Mac OS X | 10+ years |
| Ajax, jQuery, JSON, REST, DNS, SOAP, EPP/RRP, Subversion, PostgreSQL, lighttpd | 8 years |
| Git, Sendmail/Postfix, heartbeat, PowerDNS, Drupal, Joomla | 3 years |
| Java, C, ActiveScript, Oracle 9i, Microsoft SQL | 2 years |
| Node.js, Backbone.js, Angular.js, MongoDB, MQSeries, Solaris, Milter, Python, Puppet | 2 years |