# Jesse Pakin

*Leader, developer, adaptive technologist*

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**itBit PTE. Ltd.**
New York / Singapore
*Vice President of Technology*
Current

- Oversee the development of itBit's backoffice operations including AML/KYC and banking/remittance integrations
- Establish and evolve vendor relationships including Reuters, Akamai, Jumio
- Full-stack development using HTML, node.js, C#, Python, SQL Server
- Built out itBit's highly commended support infrastructure via desk.com
- Automated deployments with Git / Ansible / TeamCity
- Architect distributed, redundant applications atop cutting-edge cloud and virtualization services

**NorthPoint Solutions**
New York, NY
*Lead Developer*
Oct 2011 - May 2013

- Lead a series of site development efforts for a major Canadian entertainment provider including high-profile portals and channel specific sites.
- Architected a 'sticky-sessions' free .js/.less/.css resource manager
- Architected a hybridized mvc/webforms solution to surface xml content.
- Regularly interviewed and approved the hiring of new developers and on-boarded new team members
- Recipient, Northpoint Champion Award

**Kanban Solutions (Consultant)**
New York, NY
*Senior Developer*
April 2011 - Oct 2011

- Extended a suite of internal applications for use by Sarah Lawrence College (including registrations and evaluations)
- Spring.net (utilizing core DI, nHibernate w/2nd-level cache, quartz scheduling of lucene index, web extensions for AJAX)
- Migrated legacy iSeries connectivity to support updated educational ERP
- Extended Lucene indexing functionality
- Employed a linear solver (LPSolve) for 'best fit' registration scenarios
- Continuous integration / TeamCity CI

**Ballyhoo Software**
Ardsley, NY
*Senior Developer*
Aug 2010 - April 2011

- Developed features supporting a rich, multi-tenant, line of business application in a rigorous startup environment
- Agile development life-cycle driven by Mingle (for story/feature management). Changes tracked within SVN / dbDeploy.net , bugs tracked within BugTracker.net. TeamCity CI
- Facilitated ETL from mongoDB to SQL Server / SSRS with nHibernate
- Developed SpecFlow feature tests alongside nUnit tests

**Visual Alchemy (MKGNY)**
New York, NY
*Senior Developer*
Dec 2009 - Aug 2010

- LAMP-based solutions using cakePHP/ light Python scripting
- Developed service suite to power a variety of continuing medical education interfaces including questionnaires, contact management, and PDF certificate generation
- Developed a multi-tenant, EAV-based metadata storage system to index literature for targeted pharma marketing teams at Novo Nordisk and Boringer-Ingelheim

**Globalware Solutions (GWS), Inc.**
Redwood City, CA
*Senior E-Commerce Engineer*
2008-2009

- After the purchase of Internal Matters in 2008, extended and redeveloped the original IM Commerce platform into a robust, multi-tenant solution
- Simultaneously serviced storefronts including ShopBlackberry, dead.net, and Rhino.Com
- Supported connectivity of a C# API (with WCF backed SOAP/REST interfaces) to a hybridized SQL Server / Oracle deployment
- Migrated original MSSQL Server 2005 data layer to Oracle 11g (with sproc optimizations, and intent to use extensible indexing for speed)
- Amazon S3 Integration to support digital distribution of +200,000 Rhino music tracks

**Internal Matters, Inc.**
(Acquired By GLOBALWARE SOLUTIONS, 2008)
Providence, RI
*Senior E-Commerce Engineer*
2006 - 2008

- Developed C# / SQL Server powered e-commerce platform responsible for the acquisition by Globalware
- Developed features for a restaurant operations portal (Inventory, Sales, Payroll, etc) still utilized by over 300 Dunkin' Donuts franchises in the Northeast
- Extended in-house team management and time tracking software
- Integrated with POS / register systems to provide real-time reporting data
- Deployed ad-hoc reporting solutions via SSRS / LogiXML

**The World Technology Network**
New York, NY
*Director of Technology*
2005 - 2006

- Developed LAMP based web application to facilitate the voting/awards process for an annual event honoring the brightest minds in technology and science.

**Ameritrade, Inc.**
Omaha, NE
*Site Maintenance and Development Contractor*
1998

- Maintained and assisted in the development of Ameritrade's core public facing site, accessed by over 1 million users daily.
- Perl, HTML, JavaScript, and Shell scripts used to troubleshoot and repair site errors and integrate with strategic partners.

**Macromedia, Inc.**
San Francisco, CA
*Intern Engineer*
1998

- Assisted in the development and maintenance of Macromedia's intranet services.

## Education

**BA, University of New Mexico, 2005**
*English/Chemistry*

## Awards / Certificates

- NorthPoint Champion Award Recipient
- Dean's Scholarship Recipient, UNM
- NCTE (National Council of Teachers of English) Achievement Finalist

## References
Available upon request.