

# Rodney "Rods" Giles

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*To advance the integration of business and technology to add meaningful value to clients and consumers in every aspect of their daily lives.*

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## **2019-2020 – UFlip LLC - Business Process Architect / Product Owner**

*Azure DevOps – MS Azure – C# – MS SQL Server – Azure – JavaScript - Branding*

Created patent pending crowdsourced ticket acquisition system. Managed requirements and development of all critical business systems. Reformed ideation processes to allow for rapid changes in business needs. Lead weekly client group discussions to integrate rapid feedback into critical design decisions. Advised on all key business decisions.

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## **2017-2019 – Totally Tickets - Business Process Architect / Product Owner**

*Azure DevOps – MS Azure – C# – MS SQL Server – PHP – NGinx – Branding – Marketing*

Advised in all major technology decisions. Lead business pivot discussions. Researched and developed new product offerings. Revamped agile development processes to increase development throughput by 200%. Managed multi-national distributed development team in the midst of budget crunches and ever changing technical requirements.

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## **2015-2017 – Agents National Title Insurance Company - Senior Software Architect**

*Lua – Postgres – NGinx – JavaScript – Branding – Marketing*

Designed API-driven title insurance ordering to integrate with major real estate transaction software. Implemented self documenting development processes. Designed and built the fastest PDF generator in the world able to produce nearly 3 million documents per day. Created fully reversible database deployments. Advised on brand strategy and negotiated peer development deals with several partners.

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## **2014-2015 – Freelance Consulting - Business Process Architect**

*PHP5 – NGinx – Redis – JavaScript – Postgres – Email Automation – Lua – Cryptography – CDN Setup – Marketing*

Designed and built web analytics aggregation with custom predictive intelligences. Built custom shipping management solution for worldwide distributors. Created social network self-promotion market strategies for entertainment media creators including a viral market tracking system. Deployed CDN to withstand bursts of 1M hits per second.

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## **2012-2014 – SRS|Acquiom – Software Solutions Architect**

*PHP5 – NGinx – Redis – JavaScript – Wordpress – Postgres – Icinga – NetSuite – Cryptography – CI/CD – Management*

Designed the first online payments system for M&A. Created per-row cryptography to prevent data leakage in event of full system breach. Built legally-defensible e-sign system. Planned and implemented security procedures including honeypots and intrusion detection. Advised on internal security policies. Created failover plans for fault tolerance. Automated deployments. Trained development and support teams on DevOps. Managed standards compliance for security audits.

*References Provided Upon Request*

## **2012-2012 – Monigle Associates – Lead Systems Architect**

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*PHP – JavaScript – Drupal – MySQL – Redis – GoLang – Management*

Designed scalable Drupal distribution to build a customized identity assets management platform. Created integration framework for triggering asynchronous processing tasks triggered from Drupal. Implemented continuous deployment system. Designed real time CSS editor integrated with version control for web designers. Implemented code review.

## **2011-2012 – Allonhill, LLC – Senior Programmer**

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*PHP5 – XUL – JavaScript – MySQL – BASH – Apache – DBA – Build Management – Linux System Administration*

One of 5 senior developers leading team of 25 in build-out of Foreclosure Review System. Created DOM translator for jQuery to work with XML documents. Retooled client scripts to speed overall loan processing by 500%. Created SQL analyser to optimize large queries of more than 150 tables by tracing computed columns to their originating source data.

## **2011-2011 – i3Logix Inc – Short-Term Contract PHP / MySQL Developer**

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*PHP5 – AJAX – JavaScript – MySQL – Apache – Linux System Administration*

Worked with scrum team to modernize web-based drug screening application. Shortened customer on-board time from months to days. Reworked code review processes to shorten development time. Advised on software architecture. Developed custom ETL for reporting tools. Created modular API to interface with various HR systems.

## **2010-2011 – Rocky Mountain College of Art + Design – Portal Technology Architect**

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*PHP – JavaScript – Drupal – Java – Liferay – Tomcat – Cherokee – Apache – Linux System Administration*

Created infrastructure for paperless-office throughout the college. Developed and launched staff, faculty, and student online portals. Created modular single-sign-on framework to integrate esoteric application with portals. Coordinated technical launch and integration with home grown LMS. Advised on technical architecture for high availability.

## **2008-2009 – Greatest Home Deals – Business Process Consultant**

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*Business Analysis – Process Innovation – SugarCRM – PHP – JavaScript – Linux System Administration*

Developed Real Estate procurement CRM solutions for Real Estate Investors. Advised on business process enhancements. Developed new business model for real estate investing. Transitioned maintenance of digital business processes to in-house staff.

## **2004-2008 – Technology Research Innovations – Director of Innovation Research**

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*OS Research – Data Architecture – Process Innovation – C++ – Lua – BASH – PHP – JavaScript*

Planned and lead operating system research projects for new interface design in cooperation with SSIET college. Developed code generator for scaffolding MVC. Researched web templating including the development of 8 different prototype template systems for comparative analysis.

## **2000-2004 – Toydrum Inc. – Chief Engineering Architect**

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*Application Design – Information Architecture – ASP – PHP – DHTML – JavaScript – SQL – Management*

Designed and implemented critical business solutions for small businesses in Tulsa. Created cross-browser JavaScript library for real time communications. In 2004 *Toydrum* was recognized as regional leader in web technologies by Tulsa World Newspaper.

## Language and Culture

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*Travelled around the world five times including: India, Russia, Kyrgyzstan, Israel, Egypt, United Kingdom, France, Singapore, Taiwan, Qatar, Jordan, Malaysia, Dubai, South Korea*

*Spoken Languages: English, Telugu, Russian, Hebrew*

*Written Languages: English, German, Hebrew*

*Cultural Understanding: Indian, Russian, Chinese, Malay, Jewish, Muslim, Korean*

## Technology Experience

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**Systems:** Linux (20yrs - Ubuntu, Debian, Redhat, Gentoo, Arch), BSD Unix (8yrs), MS Windows (24yrs - ALL VERSION), Mac OS-X (10yrs), iOS (4yrs), Android (8yrs)

**Languages:** JavaScript (24yrs), PHP (20yrs), Bash (13yr), Lua (10yrs), ANSI C (8yr), C++ (54r), GoLang (3yrs), Classic ASP (3yrs), VBA (2yrs), Perl (4yrs), Python (2yrs), C# (2yrs)

**Databases:** (SQL) MySQL (14yrs), PostgreSQL (11yrs), MS SQL (5yrs), SQLite (7yrs), Oracle (1yrs), YugaByte (2yrs)... (NOSQL) Redis (9yrs), MemCache (4yrs), Sphinx (2yrs), Solr (2yrs), ElasticSearch (2yr), Riak (1yr), Cassandra (1yr)

**Servers:** Apache (14yrs), Nginx (9yrs), Cherokee (2yrs), IIS (4yrs), Privoxy (2yrs), HAProxy (2yr)

**Frameworks:** (JavaScript) Node.js (5yrs), jQuery (11yrs), VueJS (2yrs), Prototype (5yrs), Zepto (4yrs), React (2yrs)... (PHP) Wordpress (9yrs), Drupal (4yrs), Zend Framework (2yrs), Ubercart (2yrs)... (Desktop) GTK2 (6yr), QT (3yr), LibWebKit (7yr), ... (Lua) OpenRusty (5yrs)

**Tools:** (Source Code) GIT (17yrs), GitHub (16yrs), SVN (9yrs), Gitorious (5yrs), ReviewBoard (2yrs), Mercurial (1yrs), CVS (2yrs), BZR (1yrs)... (Workload) Azure DevOps (3yrs), Jira (7yrs), Bugzilla (2yrs), Launchpad (2yrs), Gravity (2yrs), RallyDev (1yrs)... (Testing) PHPUnit (2yrs), Selenium (3yrs), JMeter (1yrs), SauceLabs (3yrs)... (Monitoring) Icinga (2yrs), Nagios (3yrs), Splunk (1yrs), Kibana (1yrs)

**API Platforms:** Google Apps (7yrs), Google Analytics (9yrs), Google Drive (12yrs), SugarCRM (4yrs), Tumblr (4yrs), NetSuite (5yrs), Twilio (5yrs), Twitter (12yrs), Facebook Apps (4yrs), Liferay (1yrs)

**Protocols:** HTML5, HTML4, CSS2, CSS3, XUL, AJAX, SOUP, REST, JSON, RSS, ATOM, WAP, HTTP, TCP/IP, SSH Tunneling, XMPP, Websockets, WebRTC, SAML, CAS, OpenID, OAuth, AMQP, iCal

**Standards:** PCI DMCA, GDPR, DSS, FINRA, FISMA, HIPAA, Sec 508, E-Sign Act, SOC-1, SOC-2