



JOHN-MASON P. SHACKELFORD

code monkey, mentor, test-infected,
pragmatic wrt technology choice,
strategic planner, communicator,
avid reader of technical material as well
as history, philosophy and classic fiction,
hiker, nature-lover, family-man

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For a better story, please see the blog posts *Confessions of a Code-dependent* at <http://jpshackelford.info/stories>.

OBJECTIVE

To craft software which delights customers, is famous for quality and reliability, challenges me to learn new technologies and techniques and advances the state of the art—and to help others to excel in the same.

EMPLOYMENT

SR. SOFTWARE DEVELOPER @ PEARSON EDUCATION - ASSESSMENT & INFORMATION
MAY 2002—PRESENT

- As a coder on a large-scale, high-stakes [electronic testing system](#) supporting authoring, administering, delivering, scoring and reporting for state and national assessments and handling test counts measured in hundreds of thousands daily, I contributed features, frameworks, improved design and automated builds.
- As principal architect of a distributed contribution system, I lead a small team which applied the Eclipse/OSGI plugin system to federated web apps so that specific functionality could be upgraded while other site functions—even on the same page—remained undisturbed.
- As a solo developer I built, NodeSync, a system for distributing AFP print files to high-speed printers at multiple sites. Stringent requirements for synchronization w/ robust fault tolerance to network disruptions and hardware failure.
- As a software coach I embedded with 17 product teams (200+ developers) for two to twelve months ea., pairing with coders, assisting testers, mentoring product owners & scrummasters. [PearsonAccess](#) was among the more complex products with which I assisted.
- As the founder of Release Engineering, I designed systems, wrote code, and lead a team which built an eight-node build farm and deployment system which handled 90,000+ builds and 7,000+ deployments for 550+ code projects in 2010.
- Many other coding projects and contributions.

PRESENTATION TEAM LEAD, NCS4SCHOOLS/CONCERT @ TECHNISOURCE
OCTOBER 2001-MAY 2002

Lead presentation tier team for Standards & Assessment module and assisted with complex SCM and code integration effort (150+ engineers contributing to codebase and configuration data).

SOFTWARE DEVELOPER @ METROBANK, N.A.
JUNE 2000-OCTOBER 2001

Sole full-time developer on loan processing system responsible for originating and servicing a student loan portfolio which accounted for a substantial percentage of annual revenues.

INDEPENDENT CONSULTANT
MARCH 1992-JUNE 2000

See [Confessions of a Code-dependent](#) for more detail on projects and technologies.

OPEN SOURCE & PUBLICATIONS

I regularly contribute to the open source libraries and applications I use. Examples include:

- Eclipse—Code formatter for ant editor and various enhancements to ant integration
- Eclipse Colorer (code profiler)—Headless API so that profile runs can be executed from an Ant task and exported to XML for historical comparison.
- Eclipse Ruby IDE, Ruby Development Tool (RDT) – minor contributions
- various Ruby libraries:
 - rspec
 - cucumber
 - daemons
 - reliable-msg
 - win32-open3
 - POpen4
 - handy_matchers
 - resource_inclusion
 - ROXML

Contributor: *Ruby Cookbook: Recipes for Object Oriented Scripting* by Lucas Carlson, Leonard Richardson. Sebastopol, CA: O'Reilly Media Inc., 2006.

CERTIFICATIONS, CONFERENCES, TRAINING & PROFESSIONAL ASSOCIATIONS

- Certified Scrum Master (CSM)
- Perforce Consulting Partner (PCP)
- EclipseCon 2004
- RailsCon 2006
- Agile 2008
- Pearson Innovators 2009
- Scrum Tuning with Jeff Sutherland
- BEA Weblogic Portal
- BEA Weblogic EJB
- ASQ Statistical Quality Tools
- ASQ Cost of Poor Quality (COPQ)
- Value Stream Mapping
- Leading Lean Events
- CMM Code Inspection Moderator
- ISO 9001:2008 Auditing
- Association for Computing Machinery (ACM)

EDUCATION

B.A. History (Philosophy emphasis), Classical Languages (Greek & Latin) Minor
Hillsdale College, Hillsdale MI