

## SUMMARY

**Senior Software Engineer** with 24 years experience with graphical user interfaces, user experience design, and web technologies. Full stack skills ranging from database design to front end engineering.

## PROFESSIONAL EXPERIENCE

### Verizon Data Services Inc.

*Senior Member Technical Staff*

**September 1997 – Present**

#### Highlights

- Developed many systems from inception to production, including all aspects of architecture, design, implementation, and support.

#### Systems (some examples)

- *Unified Tasking Engine* - Enterprise human tasking (Java, Oracle SOA Suite)
- *Unified User Interface* - Enterprise provisioning portal (Java, HTML5, CSS3, JavaScript, Oracle Database)
- *Provisioning Controller* - Enterprise orchestration (Java, HTML5, CSS3, JavaScript, Oracle Database)
- *BAAIS Video* - SONET provisioning (Java, HTML, CSS, JavaScript, Oracle Database)
- *BAAIS* - DSL provisioning (Java, Swing, Informix Database)
- *AAIS* - Wireline provisioning (Java, Swing, Informix Database)

- Team Lead for internationally distributed teams.
- Created patented web frameworks in use at Verizon.

### Origin Technologies

*Senior Consultant*

**September 1994 – September 1997**

### IBM

*Software Engineer*

**June 1990 – September 1994**

## SKILLS / KEYWORDS

**OS:** Linux (Red Hat and Debian variants), Mac OS X, Windows  
**Scripting:** Bash and utils (sed, awk, grep), Python, Ruby  
**Backend:** Java (J2EE), Python (Django), SQL, XML, JSON  
**Frontend:** HTML, CSS (Less and Sass), JavaScript (jQuery, ExtJS)  
**Databases:** Oracle, MySQL, PostgreSQL, Cassandra, SQLite  
**Web Application servers/proxies:** Apache, HAProxy, Nginx, Tomcat, Glassfish, Weblogic  
**Version control systems:** Git, Mercurial, Subversion, CVS

## PATENTS

8,452,861 B2 – Broadcast Design For Provisioning Reconfigurable Optical Add/Drop Multiplexer Circuits  
**May 28, 2013**

*Patent pending* – System For Developing, Testing, Deploying, And Managing Applications In Real-Time

## EDUCATION

**University of Texas**, El Paso, Texas

*Graduate Coursework*

**January 1989 – June 1990**

**University of Texas**, El Paso, Texas

*B.S. in Computer Science*

**August 1984 – December 1988**