

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)

- *RFDS* - Radio Frequency Design (Java/Spring Boot, HTML5, CSS3, JavaScript)
- *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/Spring Boot), Python (Django), Go, 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