TOM OLESON

SENIOR SOFTWARE ENGINEER

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SKILLS

LANGUAGES
C/C++, Java, **Python**,
HTML/CSS, XML, JavaScript

OPERATING SYSTEMS
Linux/RHEL, Windows,
Solaris, Unix**,** AIX, DOS, OS/2

MIDDLEWARE
Steel-Belted RADIUS,
FreeRADIUS, JBoss,
Apache/Tomcat, Weblogic,
WebSphere

FRAMEWORKS & APIs
POSIX Threads, Sockets, STL,
ODBC/JDBC, **OCCI**, AWT, J2EE,
JDOM, XPP, CMF, SAX, Junit,
Struts, log4j, CPPUnit,**REST**

BACKEND
Oracle, Microsoft SQL Server,
IBM DB/2, Sybase, **MySQL**,
Postgres, Red Brick, dBASE,
FoxPro

OVERVIEW

Accomplished senior level software engineer with experience developing **enterprise level** applications in a variety of environments. Successfully **led small teams** of three or more developers through full life-cycle projects. Continuously **learning new technology stacks**.

EXPERIENCE

ADVISORY SOFTWARE ENGINEER

Syniverse, Tampa Florida / April 2008 – November 2018

- Applications produced revenue of **20+ million annually**.
- On **Solaris**, developed **high-volume** Mobile Data Roaming and WiFi plugins on frontend Steel-Belted **RADIUS** servers**.** On **Linux**, developed backend processing applications interfaced to **AMQP** message brokers and **Oracle** databases.
- Implemented code for **POSIX Threads**, **TCP Sockets/UDP Datagrams**, AMQP, JDBC, OCCI and STL.
- Coded in **C++, Java**, SQL, Python and XML.
- Principal developer of **Common Messaging Framework** (CMF) enabling **code reuse** and **greatly reducing the effort required** to implement new product features. Principal developer of a **WiFi Rules Engine** which **greatly reduced the effort required** to implement new WiFi venues.
- Championed **best practices** that resulted in the adoption of **unit testing** (JUnit/CPPUnit) and **continuous integration** builds (Jenkins).
- Worked with teams to **define requirements and project scope** resulting in **effective implementation and deliveries**.

PRINCIPLE DEVELOPER

Nielsen Media Research, Oldsmar, Florida / July 2005 – June 2008

- Team's **lead developer.** Member of the **Architecture group.**
- On **Linux**, developed backend data processing and formatted output of All Minute Respondent Level Data (AMRLD) for third party processors. Data stored in Red Brick, **Sybase** and **MySQL**.
- Implemented code for JavaBeans, Servlets and JDBC to run on CLI and JBOSS with continuous integration builds.
- Coded in **Java, SQL** and XML.

SOFTWARE ENGINEER / ARCHITECT

Skyway Software, Inc., Tampa, FL / November 2001 – October 2004

- Development work on a enterprise level business process management application builder.
- Architected and coded the **Java** code-generator for runtime process logic and deployment functionality.
- Implemented code for Enterprise JavaBeans, XPP, Servlets, and JDBC on JBOSS and Weblogic providing support for **Oracle**, **MySQL**, Microsoft SQL Server and DB/2 on the backend.
- Coded in **Java, SQL, Velocity**, HTML, CSS and JavaScript.
- Organized teams and facilitated improvements to our development process.
- Worked with business analyst, product management and marketing to define business rules, **requirements and project scope** resulting in **effective implementation and deliveries**.