**David Ray Reizes**
**Senior Consultant / Java Software Engineer / Technical Architect**

# *Qualifications*: Automotive and Telematics Experience

| Requirement | Experience |
|---|---|
| ✓ **August West Inc.**<br>*client:* **Oxford International, Wisconsin**<br><br>*2012*<br>• ***Sr. Java Engineer***<br>***Bosch Automotive**, Santa Barbara, CA (Oxford International)*<br>Embedded programming for vehicle telematic diagnostic tooling using Eclipse RCP java framework. Development of new features for products supporting wireless, internet enabled, and provided live diagnostics to vehicle technicians by connecting directly to the car's Electronic Control Unit (ECU) via the twisted pair engine network. And by querying OEM data from integrated cloud partners to provide technical solutions for vehicle diagnostics in real-time for the North American OEM automotive after market.<br>• ui java eclipse-rcp<br>• usb bulk transfer / wifi / bluetooth<br>• ecu data transformation<br>• automotive diagnostics hand-held tools<br>  • https://www.boschdiagnostics.com/products/mastertech-ii-j2534-vci<br>  • https://www.boschdiagnostics.com/products/ads-625-diagnostic-scan-tool?v=17697<br><br>*2010*<br>• ***Sr. Solution Engineer Full Stack***<br>***Valicore / Green Hills Software**, Irvine, CA (Oxford International)*<br>Detroit OEM end client: Solution Architecture and Full-Stack implementation of a Command-Control UI/UX including SOAP Web-Services wrapping a RESTful API for an Embedded PKS Key Signing-Server. JAAS Security Providers utilized the Embedded Server's Identity Manager and the application web-services were divided into Secure and Public Domains, with Role–Based Secure Session Management. Supporting 2-Factor Authentication and Federated Security Services integrated with Oracle Identity Manager.<br>• embedded pks key signing-server - rack mount<br>• ui/ux javascript single page app<br>• java application server providing command and control<br>• web-services soap xml api, integrated with rest json api<br>• apache thrift bindings / tcp / http | • Over twenty years professional computer programming experience, including fifteen years of **Java**, **J2EE** and **Technical Architecture** designing and implementing java web applications, web services with both **SOAP** and **RESTful APIs**.<br>• Experienced developing and implementing **high-level requirements** and technical specifications for **web-enabled business** strategies.<br>• Familiarity with **enterprise application architecture**, **design patterns**, and **schema design** for implementation of dynamic web applications and enterprise databases in Oracle, MySql, and SqlServer environments.<br>• Recent **Big Data** experience with DXC/HPE **MapR Hadoop Cluster** administration, maintenance, tuning and operations. As well as **MapR Database Developer** and **Advanced Apache Spark** certifications.<br>• Experience with **Kafka and Spark Streams** as message brokers and for data processing. Including **SOAP XML** / **REST JSON Transformations**. And **ETL** for both incoming **Data CRUD** operations and **Data Warehousing**.<br>• Additionally experienced with **Security Enabled** web services with **Identity and Authorization** designing and supporting **Identity and Access Management** / **Oauth2** services for UC Santa Barbara and PayPal.com. As well as work developing the California Judicial Council – Court Case Management system. And Radius AAA for the boingo embedded toolkit.<br>• **B2C e-commerce** developing highly-**scalable dynamic web**sites including disney.com, ktel.com, and etoys.com.<br>• **J2EE web applications** and **web services B2C**, **B2B** experience developing and supporting ebay paypal.com, wellsfargo.com/mortgage, americhoice.com, boingo.com/boingo-embedded.php. |