

DR. GERALD E. BENNETT

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Seasoned IT professional with 15+ years' experience in providing successful IT solutions for businesses. Team player with a strong ability to lead full-cycle project management initiatives. Effective written and verbal communicator with the ability to troubleshoot complex technology solutions and provide quality user training and support. Implements automated and cost-effective IT systems and infrastructures while saving time for the business. Diligent, disciplined, and relies on a solid combination of experience, knowledge, and work ethic to achieve results.

Technical Expertise:	Java, Oracle Retail Store, Maven, Ansible, Docker, VirtualBox, Git, Ant, Spacemacs, Shell and DOS Scripting, Maven, Spring, Spring Boot
Experienced:	Jenkins/DSL, Oracle Micros XStore, JEE, Gradle, Python, JavaFX, RESTful APIs, Websphere, Weblogic, JBoss, Websphere MQ, HP LoadRunner, MVC, REST/SOAP & JSON/YAML/XML, JavaScript, React Redux, VS Code, Reactive Microservices Architecture, SQL, DB2, Oracle11g, Apache Kafka & Solr, Kubernetes, Packer, VMWare, Apache Camel, Groovy DSL, NodeJS, Go

EDUCATION

The University of Texas - Austin, TX

Ph.D. in Chemical Engineering

Degree Awarded: December 1995

GPA: 4.0

Massachusetts Institute of Technology (MIT) - Cambridge, MA

Master of Science in Chemical Engineering

Degree Awarded: September 1990

GPA: 4.3

Massachusetts Institute of Technology (MIT) - Cambridge, MA

Bachelor of Science in Chemical Engineering

Degree Awarded: June 1990

GPA: 4.3

PROFESSIONAL EXPERIENCE

Iconma - Troy, MI / Thermofisher Scientific - Austin, Texas

October 2017 – April 2018

Solution Architect / Senior Java Developer

- Responsible for delivering and maintaining CI/CD workflow of various applications.
- Developed Groovy DSL framework to automatically generate and maintain over 150 Jenkins Jobs and pipelines
- Assisted QA Team design and architect Cucumber automated data driven, JUnit, Selenium test framework
- Implemented Karate BDD Rest based automated test suite for different microservices
- Completed code review and built microservices, using spring boot docker and Apache Solr backend technologies

Kforce Inc. San Antonio, Texas / US Automobile Association - San Antonio Texas

May 2017 – August 2017

Senior Java Consultant

- Developed front-end Apache Wicket modules for multi-factor authentication and authorization
- Integrated application with backend REST based services
- Created both Functional and Integration Selenium test harness for the multi-factor authentication and authorization

Lillii RNB, Inc. - Atlanta Georgia - Metra (BNSF) Chicago, Illinois

October 2016 – January 2017

Senior Java Oracle Retail Consultant

Scrutinized Java systems current architecture and compared different WebServices architectures to determine the best path for integration of TruRating and LAW applications.

- Constructed a framework for the installation of Micros XStore utilizing Ansible roles, playbooks, and Ansible Vault
 - Enhanced security
 - Reduced installation time
 - Increased flexibility in deployment topologies through the automation framework
- Resolved 25+ bugs while performing an upgrade of the ORPOS solutions in Metra's Stores, meeting a strict deadline while delivering codes, introducing build, and testing and upgrading processes
- Mentored team members on the Oracle Retail Store Applications

Individual Consulting, Aruba

2011 – 2016

- Independent Java Developer/Consultant
- Performed automation of multiple applications
- Conducted automation of Web management tasks by creating JavaFX, Selenium, and WebDriver App
- Created Java/JPA/Java receipt entry application for Ginger Aruba Corporation
- Supplied virtual training modules of Oracle Retail Store Applications for Oracle Corporation

Cognizant Corporation, Austin, Texas & Monterrey, Mexico

2010 – 2011

Architect/Manager (2010 – 2011)

Constructed integration solutions for the improvement of Oracle Retail applications for the Lowe's Corporation International team. Travelled more than 75% of the time.

- Spearheaded a team to ensure reliability and stability in Lowe's retail stores in Monterrey, Mexico, as well as fashioning a procedure for deciphering production software issues
- Guided a team to improve production by performing improvements on Oracle's Store Application
- Created and executed the procedures needed to perform production repairs and support, upgrade, version control, and testing strategies for Cognizant Lowe's Production Support Team while managing the team in India & Mexico

Oracle Corporation, Austin, Texas

2003 – 2010

Performance Architect (2008 – 2010)

- Designed and architected an automated performance test framework/benchmark for the Oracle Retail Point-of-Sale Oracle Retail Enterprise Java/J2EE applications
- Originated automated load performance testing
- Designed HTTP/HTML tests utilized to load test the Oracle BackOffice application
- Created, executed and finely tuned performance bottlenecks for the specific ORPOS topology and applications

Senior Development Engineer/Consultant (2004 – 2008)

Provided on-site solutions, deployment, mentoring for 360Commerce store and enterprise retail applications for 6 different clients. Provided consultation on resource configuration, assimilation, and performance improvement matters of production environments. Served as the architectural and technical liaison for Sears USA and as a member of the sales team for Sears Canada proof of concept phase.

Senior Java Application Developer (2003 – 2004)

Conducted error resolution, code synchronization repairing, and closing complex software amendment requests.

- Accomplished performance and reliability enhancements for customer services work for 4 different clients

Vieo, Inc., Austin, Texas

2003

Consultant/Senior Software Engineer

Originated white and black box JUnit test cases utilized to analyze VIEO's Adaptive Application Infrastructure Management Client/Server, executing integration and system level Java test cases to test the security, server provisioning, and object relational mapping integrity of Vieo's "On-Demand" computing business domain java code.

Tonic Software Inc., Austin, Texas

2002

Senior Software Engineer

Created, executed, and integrated a JavaScript/Jython test case framework into a preexisting Jython automation test tool allowing for test case modularization and the development of test case drivers.

- Designed test schemes, test drivers, and test cases in Java, JavaScript, and Jython to analyze Tonic's Web Application Management Server and Scripting API, involving the testing of Tonic's job types
- Developed and implemented test plans and wrote UNIX test scripts
- Conducted code compliance, code coverage, and performance testing

ClearCommerce Corporation, Austin, Texas

1999 – 2001

Senior Software Engineer

- Designed and implemented first generation client side Java messaging API for the 4.x ClearCommerce enterprise payment engine.
- Converted the API interface to an XML based interface to automatically generate C++ and Java client implementation code of the API
- Architected and developed a test framework to facilitate testing and express test cases in any programming language
- Took initiative to mentor team to ensure a deeper understanding of the ClearCommerce products