

Harinder Seera Curriculum Vitae

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Professional Overview:

Harinder Seera is a seasoned performance test consultant, leader and strategist. Harinder's particular specialties are testing and analysing performance of complex systems, developing tailored test methodologies for different organizations, providing advisory services to local and international organisations, developing business strategies for clients, managing teams, infrastructure planning, capacity analysis and testing in agile environments. Harinder is a member of Association of software testing, speaker at various conferences/meetups, contributor to various publications and Advisory board member of Global Skill Development Council.

Technical Test Competency

- **Languages:** C, C++, Java, JavaScript, Python, HTML, PHP, PL/SQL, Groovy
- **OS and Environments:** Win XP/7/2000/2003/2012/2016, Linux, Solaris 9.
- **Databases:** Oracle, DB2, MS SQL Server, MySQL, Apache Derby, MongoDB, InfluxDB, CouchDB.
- **Technologies/Applications:** Apache, Tomcat, Nginx, IIS, Websphere, Siebel, Java/J2EE, Weblogic, Adobe Flex, Salesforce.
- **Testing Tools:** Microfocus Load Runner & SilkPerformer, Radview WebLoad, IBM RPT, JMeter, Gatling, SOASTA, BlazeMeter, OctoPerf, FloodIO, SoapUI.
- **Monitoring/Analytics Tools:** AppDynamics, Wily Introscope, Webpagetest, Splunk, Cloudwatch, Wireshark, Perfmon, Linux native, Dynatrace Ajax, Coremetrics, Google Analytics, Comptel Instantlink(Monitoring option), Websphere Datapower XB60(view status option), OEM(Oracle Enterprise Manager) report, Custom built.
- **Others:** Jenkin, Gitlab, Jira, Confluence, Slack, MS Office, HP Performance Center, Grafana, Sitespeed, IBM Support Assistant.

Employment History

Performance Test Lead	Myer	07/2014- Current
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As Performance Test Lead, Harinder is responsible for a broad range of Performance Testing related tasks including: scoping projects, mentoring, establishing corporate performance test strategy, managing onshore & off-shore resources, modelling, evaluating and reporting on quality of release designed to be deployed into production.

My teams primary responsibility is performance and reliability testing of Myer eCommerce site. This includes DB2 databases, Order Management System, Websphere Application Servers, IHS running on Windows & Linux OS and also third party integrations. My team identifies scalability characteristics and limits of the system for the project teams. We identify performance issues, assess capacity and evaluate deployment for the Myer E-Commerce system.

Load testing tools used in our work include Octoperf (JMeter in the cloud) and Rational Performance tester. Applications tested include Salesforce, Order Management System and Myer E-Commerce site.

Achievements:

- Championed performance testing at Myer for its Online website which resulted in 40% increase in Online sales year on year. I did this by reducing system utilization, improve system stability and end user experience (performance).
- Developed and implemented performance test process at Myer which assisted Myer Online website achieve three-nine reliability (99.95%).
- Assisted Myer implement a performance test process in its CI/CD process that helped reduce deployment time to production from 6 weeks to one week.

Advisory Board Member Global Skill Development Council 08/2018 - Current

Technical Advisory Board member at Global Skill Development Council for Blockchain & Six Sigma Certification (GSDCouncil) organization.

The GSDCouncil is a member organization dedicated to growing, enhancing & certifying the skill within the Blockchain & Six Sigma Community.

Managing Consultant IBM (Global Business Services) 07/2011- 07/2014

As a managing consultant I was involved in pre-sales, pricing and quoting, writing SOWs, contractor management, scoping projects, developing and responding to proposals, developing business strategies for clients and services offering.

I was also involved in delivering and providing subject matter expertise to local and international organisations on performance testing, which sometimes required travelling.

Performance Test Consultant AccessHQ 07/2008 - Current

AccessHQ (formally Access Testing) is Australia's leading independent technology testing organization. Access provides range of services to the clients. These services include Usability, Accessibility testing, Technical testing, Performance testing, Eye Tracking, Web Analytics and Web Standards.

Responsibilities:

- Discuss non functional requirement with the stakeholders to assist in defining the performance test goals
- Writing planning documents such as Test plan, Virtual User specification and Test specification.
- Creating scripts based on the business processes outlined by the business stakeholders
- Executing scripts and collecting the performance metrics from the system under stress
- Conducting statistical analysis on the metrics collected during the performance test

- Writing a report based on the test findings
 - Working with the different stakeholders in order to solve any issues that may arise during the project
 - Conducting knowledge/Skill transfer at the completion of the project
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Publications and Select Peer Workshops (Invitation Only)

- Workshop on Performance and Reliability (WOPR) - Cognitive Biases in Performance Testing (2018)
- IBM Redbook - Performance and Capacity Implications of Big Data (2014)
- IEEE - Towards Device-Blending: Model and Challenges (2007)

Certification and Training

- Octoperf certification (2018)
- Akamai Web Performance Foundations (2017)
- Odyssey training – Effective People and Communication Skills (2016)
- Association for Software Testing – BBST course (2009)
- ImproMelbourne – Workshop on Spontaneity (Term 3, 2015)
- YWCA rowing – Beginner intensive course (2015)

Affiliations

- Association for Software Testing

References

Available on request.

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