## Objective

Senior Performance Engineer

## Technical Skills

#### Proficient With

languages Java, C, Python, SQL, HTML, Javascript, regexp

technologies LoadRunner, Performance Center, VuGen, JMeter, SoapUI, Linux, JProfiler, Dynatrace, Site-

speed.io, WebPageTest, Sitescope, Splunk, Fiddler, Wireshark, Chrome CDT, Websphere, PuTTy, Office

Previously Used

languages bash, ksh, VB.NET, CSS

technologies AIX, Windows Server, Visual Studio, Eclipse, Apache, Wordpress, Oracle, DB2, MySQL, SQL Server, MongoDB, ForgeRock, OpenAM, YourKit, Jensor, Sitescope, Tomcat, Spring, Amazon

EC2, Linode, XML, JSON, HPSM, BSM, UCMDB, Phonegap, vi, Notepad++, Sharepoint, jQuery, XPath

# Experience

03/2014 - Lead Performance Engineer, Tata Consultancy Services, Cincinnati, OH.

#### present A Fortune 1000 Financial Services company

- Built performance engineering team from ground-up, responsible for finding 5 critical performance defects prior to production releases.
- Personally optimized high-traffic web service response time by 4x. Reduced grid-formatting code render time by 10x.
- o Identified and resolved critical performance defects in SQL stored procedures,
- Established formal performance test, monitor, tune processes integrating into client agile SDLC, created MS Office templates to standardize delivery.
- Deployed tools like WebPageTest and Sitespeed.io, integrated into Jenkins, to enable automated performance testing.
- Analyze and provide project requirements to offshore performance engineers; review scripts, oversee test execution and analysis.
- Internal Codebases: Test, profile and tune code running in local/dev environments using JProfiler, YourKit, VisualVM. Identify bottlenecks, measure improvements, check in performance fixes using SVN.
- Off-the-shelf Deployments: Coordinate analysis and validation of performance defects raised during performance tests with vendors.

## 01/2014 - **Performance Consultant**, *Tata Consultancy Services*, Minneapolis, MN.

### 03/2014 A Fortune 1000 Financial Services company

- Production performance incident occurred after release deployment which triggered review of performance test processes.
- Collaborated with existing test team to review scripts developed for HP Performance Center.
- Revised performance test data coverage to ensure production login volumes were simulated in load test environment.
- Load tests validated development team patch prior to re-attempting the production deployment.

## 01/2013 - Lead Performance Test Engineer, Tata Consultancy Services, Bloomington, IL.

### 01/2014 A Fortune 50 Insurance company

- Led onsite+offshore team to deliver performance testing for deployment of ITSM tool HP Service Manager, and integration of existing components HP BSM, HP UCMDB.
- Developed comprehensive end-to-end test plan and automation scripts using LoadRunner and HP Performance Center.
- Populated DB to production T+6,12,18 months data volumes using web services via SoapUI.
- Monitored tests during execution using Sitescope and Splunk.
- Simulated incident resolution process during load test outages with Prod operations team to enable day one readiness.

12/2012 - **Performance Consultant**, *Tata Consultancy Services*, Baltimore, MD.

#### 1/2012 A Fortune 50 Manufacturing company

- Short term engagement, identified and resolved production performance issue.
- o Configured Windows Perfmon counters to monitor systems during degradation.
- Recommended process changes to better train workers on triggering batch processes, and formalize site operators use of ad-hoc DB queries during peak transactional system usage.
- 10/2012 **Performance Test Engineer**, Tata Consultancy Services, Baltimore, MD.

## 12/2012 A Global Education company

- o Led onsite automation scripting for 10 week performance certification on internally developed Java web app using HP LoadRunner and TruClient protocol.
- o Created test and monitoring strategies based on application and infrastructure analysis, leveraged Amazon EC2 for load generation.
- Executed tests and found performance improvements totalling 28x to key functionalities.

### 07/2012 - Performance Engineer Trainee, Tata Consultancy Services, Cincinnati, OH.

- 09/2012 Received training on performance engineering fundamentals.
  - o Created hands-on learning environment in Amazon EC2, using open-source tools like JMeter, Jensor, JavaEE / Spring / MySQL, to load test and profile sample web applications.

## 06/2009 - Software Engineer, Lead Developer, Tata Consultancy Services, Cincinnati, OH.

- 07/2012 Various roles and positions related to development and leading teams of developers in Informatica, Java, and .NET maintenance and development projects.
  - Lead Developer onshore support for Department of Defense processing millions of health insurance claims daily - AIX, ksh, DB2, Informatica
  - Managed a 12-member team responsible for prototyping a few hundred ASP.NET pages to high-level

### Education

2005-2009 BS, Computer and Information Science, The Ohio State University, Columbus, OH.

• Full academic scholarship – Land Grant Opportunity Scholarship

## Certifications and Achievements

Dec 2011 Oracle Certified Professional, Java SE 6 Programmer

Sept 2011 ITIL V3 Foundation Certificate in ITSM

#### Activities

2010-present Personal Blog - Wordpress on Linode

2012-present Electronics / Internet of Things projects - Arduino, HTML5, Phonegap

- o Published as open-source repository, app on Apple and Google stores
- Demo video: youtu.be/baTPxN\_Pc6g
- Repository: bitbucket.org/thebostik/arduino-projects

2014-present 3d Printing - RepRap