|  |
| --- |
| **Vibhor Goyal**  Berlin, Germany  Email: [vibhory2j@gmail.com](mailto:vibhory2j@gmail.com)  Mobile: +4916091017026 |
| **\*\*\*Software Engineer\*\*\*** |

|  |  |
| --- | --- |
| **Professional Summary** | IT professional with expertise in - Performance Engineering, Distributed Tracing, Application Performance Management, Automation and Solution Architecture |
| Hands on professional performed various roles - Individual Contributor, Mentor, Leadership and Architect |
| NFR requirements elicitation, workload modelling, capacity management, performance test designs, monitoring root cause analysis |
| Good experience working in various models like Agile, DevOps, Continuous Delivery/Pipelines |

|  |  |  |
| --- | --- | --- |
| **Technical Skills** | **Testing Development** | Loadrunner, Performance Center, QTP 11, SoapUI, Jira, Github |
| **Monitoring** | ZMON, Sitescope 11.2, HP BAC/BSM, PerfMon, Native Unix/Windows |
| **Distributed Tracing** | JVisualVM, JConsole, OpenTracing, Dynatrace, HP Diagnostics, Appdynamics |
| **Web/App Servers** | Microsoft IIS, Apache Webserver, Tomcat, Weblogic, Websphere, JBOSS |
| **Virtualization** | iTKO LISA, Shunra NV, AWS |
| **Programming/Scripting Languages** | C/C++, Core JAVA, Spring Boot |
| **Databases** | Oracle 11g/12c, MS SQL Server 2008, SQL Developer, SSRS, Cassandra, KairosDB |
| **Development Tools** | Eclipse, IntelliJ, SVN, Github, Sharepoint, Git, Jenkins, Fiddler, Google Analytics |
| **Domains** | Media, Banking, Travel and Transportation, eCommerce |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Qualifications** | **Description** | **Major** | **University** | **Grade** | **Passing Year** |
| AWS Solutions Architect | Associate | AWS Certification | Passed | 2017 |
| IASA CITA-A Certification | Solution Architecture | International Association for Software Architects | Passed | 2016 |
| Post Graduate Program in Management Studies | Management | Prin. L.N. Welingkar Institute of Management Development & Research | 69.80% | 2011 |
| ISTQB Foundation Level Certification | Quality Assurance | Indian Software Quality Testing Board | Passed | 2007 |
| Bachelor of Engineering | Computer Science | MD University, Rohtak | 71.8% | 2006 |
| High School-12th Standard | Science | CBSE, Delhi | 70% | 2002 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Professional Experience** | **Employer Name** | **Designation** | **Location** | **From Date** | **To Date** |
| Zalando SE | Senior Software Engineer | Berlin | 15.02.2017 | - |
| Emirates Airlines | Solutions Architect | Dubai | 23-Dec-2014 | 09-Feb-2017 |
| JP Morgan Chase | Senior Associate | Mumbai | 18-Aug-08 | 19-Sep-2014 |
| Birlasoft Ltd. | Software Engineer | Delhi(NCR) | 11-Sep-06 | 08-Aug-08 |
| IBM Daksh BPO Services | Senior Technical Support | Delhi(NCR) | 05-Jul-06 | 08-Sep-06 |
| BRCM College of Engineering and Technology | Part Time Assistant | Haryana | 01-Mar-04 | 31-Mar-06 |
| BRCM College of Engineering and Technology | Student Faculty | Haryana | - | - |

|  |  |
| --- | --- |
|  | **Senior Software Engineer: Zalando SE** from February 2017 Onwards   * DevOps of multi-tiered, high volume (https://github.com/zalando-zmon) monitoring system involving technologies like Java Springboot, Go, Cassandra, KairosDB, Redis, PostgreSQL, Python, AWS. * Implementation of Application Performance Management using AppDynamics. * Evaluation and implementation of OpenTracing Distributed Tracing. * Worked on and contributed to development of Cloud Management tools like STUPS (stups.io). * Working knowledge of Kubernetes platform. |
| **Experience Details** | **Solutions Architect (Performance Architect): Emirates Airlines** from December 2014 – February 2017   * Internet of Things – Reference Architecture and Proof of Concepts * Architecture validation, Diagnostics and APM of critical and high-volume processing systems involving mix of classic and latest technologies spanning J2EE, .Net, Third Party Products, Mainframes, Mobile Applications, TIBCO * Performance Engineering Practices – Incident RCA, Thread Dumps, DB AWR Analysis, Scalability Testing/Analysis * Implemented HP Diagnostics, Google Analytics Workload Modelling, Capacity Modelling * Gained understanding of Akamai CDN/GTM working * Designed and implemented Performance Test and Engineering strategies for highly critical applications in highly challenging environments. Identifying scaling factor between production and test environments. * Reference Architecture – Cloud Architecture, High Availability * Overhauling of Cargo System, Involved in L3 support * Exposure to Airline PSS, Cargo, Ground Operations and e-Commerce domains * Experienced end to end customer journey through complex tier of systems that includes Web, Mobile, Middleware, Database, Mainframe (Z/OS) and Client-Server. |
| **Performance Test Architect: JP Morgan Chase (**Trade Finance) from September 2012 – September 2014   * Designed and implemented performance testing practices and strategy for agile development process. * Performing the role Performance Test Architect responsible for implementation of performance test, monitoring and troubleshooting activities. * Involved in identification and troubleshooting of issues like Hibernate N+1, JSON Data Consolidation, Database Sizing, Response Time issue at HTTPS level, Impact of Latency on overall performance of application * Defined the requirements for performance test infrastructure along with validation of QA Performance environment * Designed and implemented full-fledged performance testing framework for GWT application using Loadrunner 11.52, GWT DFE, REST API’s, Java coding, MS Sharepoint, Tomcat, MS IIS, MS SQL, Sitescope and Dynatrace. * Web service and JMS Queue virtualization through LISA * Integration LISA, Dynatrace and Loadrunner to meet technical challenges and business requirements * Took over role of performance test lead for Trade Finance applications; Designed and implemented performance strategy and architecture for a group of 6 applications. * Conducted POC and implemented new tools like – LISA, Dynatrace, Loadrunner 11.52, Jenkins, Shunra NV * Conducted in house trainings on tools like – Loadrunner, QTP, LISA, Performance Testing, Shunra NV * Technology Used: Apache Web Server, Tomcat, Websphere, Oracle DB, Virtualization, MQ Series, Google Web Toolkit, Hibernate, SSRS   **Rewards and Recognition**   * Pat On The Back award for contribution towards GCS automation and performance testing in JPMorgan   Recognized on India level for raising the Quality bar for Q2 2010 |
| **Performance Test Lead (Associate): JP Morgan Chase** (Treasury Services Client Services) February 2010 – September 2012   * Responsible for performance validation of a group 12 applications while leading a team 5 full time resources and 3 contractors * Individual contributor for performance testing of three applications, highly complex and multi-tier architecture nature * Delivered on key multiple projects simultaneously single handedly resulting in USD 5,000 savings for the firm. * Designed scripting framework for Orbeon forms technology leading to faster time to market by at least 50%. The project was developed in agile scrum methodology. * Automated test data preparation by creating a small ASP application to insert/update mass records in the database. This resulted in reducing test data preparation time from 2 days to 4 hours. * Communicated with Project Managers, Systems Architects, Systems Analyst, DBA's and Application Developers to gather requirements for testing, develop estimates, analyze issues, raise risks/issues identified. * Created and managed application monitoring profiles using HP BAC/BSM and Sitescope for QA and Production environments * Responsible for defect management, follow up and logical conclusion of defects. Defects identified * Created and reviewed the test plan, test scripts and test results before publishing to stakeholders * Guiding and mentoring team members on processes and standards performance testing skills * Building team by interviewing candidates and ramping up new resources within the team includes contractor resources * Participated and supported in diagnostics testing of newly defined or modified environments * Technology Used: Java, Filenet, Orbeon Forms, .Net, Pega, Workflows, Webservices, Webmethods ISB, Peplesoft, Performance Center 9.5 |
| **Applications Developer: JP Morgan Chase** (Treasury Services Client Services) August, 2008 – January, 2010   * Analyze various business requirement documents to identify key business transactions for performance scope. * Develop data driven test scripts and execute performance and load tests on applications. * Execute various performance tests as and when required. * Analyze the results, share the results, log the defects and share them across with the stakeholders in a timely manner. * Prepare and maintain various excel workbooks and presentation documents of the results matrix. * Technology Used: Java, Filenet, Pureedge Forms, .Net, Workflows, Webservices – SOAP/WSDL, Loadrunner 8.1, Sitescope   **Other Supporting Activities:**   * Support in building/maintaining automation suite, executing test cycles and analyzing results and defects * Recruit resources and/or shortlist vendor on performance/automation skill by conducting interviews.   **Lead Automation POC project (Jan’09-Apr’09) with following achievements:**   * Implementing a hybrid automation framework. * Completed the project within the schedule with a handful of amateur QTP testers. * Trained a team of QA analysts on QTP and automation framework for this project. |
|  | **Software Engineer: Birlasoft Ltd. (September’06 – August’08)**  **General Electric – NBC (Performance Testing and Production Monitoring Team)**  The scope of the work encompassed the support for the GE - NBCU’s Performance Testing and Monitoring Process in order to ensure that the applications deployed to production meets GE standards and do not impact the shared infrastructure. The teams was required to plan, develop and implement the performance test scripts and monitoring scripts and troubleshoot any performance and test issues with the applications.  **Key Accomplishments:**   * Solved scripting challenges with Loadrunner by using QTP for UI driven complex user actions. This resulted in providing performance certification of a critical application for the client. * Individual contributor for GE-NBCU’s application’s functional, automation and performance testing * Part of the 24X7 support team for production monitoring of infrastructure and server resources * Gained experience in functional quality assurances, automation, performance and production monitoring using development in VBScript and C platforms.   **Tools** : Loadrunner, Sitescope, QTP, Quality Center, Rational Test Tools  **Rewards and Recognition:** Top performance rating and Employee of the Month for April,2007 |

|  |  |
| --- | --- |
| **Extracurricular Activities** | * Running QA forums within JP Morgan Chase to spread awareness on performance testing, various tools like Loadrunner, Shunra NA, LISA and Dynatrace. * Involved in CSR activities – Teach for Tech and Code for Good Challenge * **General Secretary** of **MAISMA’2005**, National Level Technical Fest of College. Activities revolved around managing all the committee’s and binding them in a team to make event a grand success. |

|  |  |  |
| --- | --- | --- |
|  | **Date of Birth** | 22nd April, 1984 |
| **Languages** | English, Hindi, German (Beginner) |
| **Marital Status** | Married |

I hereby declare that the information mentioned above is true to best of my knowledge.

**Vibhor Goyal**