

Payel Saha



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Summary

- Having 6.9+years of experience in performance testing and engineering of Fintech(Open Money,Open Book and Zwitch payment),cloud based, e-commerce,Java J2EE, SAP, Oracle,SOAP Webservices, API calls,AEM,CAAS, payment, product development, customer relation/service, management,order fulfillment applications.
- Expertise in workload modeling (WLM), scripting, analysis, bottleneck identification and tuning recommendations.
- Experience in conducting different types of performance tests: Load, Stress, Spike, Endurance, Failover, Scalability & Infrastructure readiness test etc. along with strong background and coordination of multiple resources/teams/vendors from different geographical locations.
- Hands on experience in profiling JVM for memory leaks, SQL and UNIX commands
- In-depth understanding of all phases of Performance life cycle
- Experience in performance testing Web (HTTP\ HTML), SOAP, Oracle NCA, Webservices,Trueclient protocol using LoadRunner and Jmeter
- Strong in building test plan, prioritizing and organizing tasks and WLM for performance testing, preparing test strategy documents based on business requirements/ functional specs.
- Experienced in profiling applications using tools and utilities like Jprofiler, Visual VM, MS SQL Profiler, New Relic
- Monitoring by creating custom dashboards in Dynatrace,HP Diagnostic,PCF,Openshift,SumoLogic,Grafana
- Executed projects using Agile methodologies
- Worked with SQL Pro(data dump using queries) and other technical team members (Architects,DBA) to support the test execution to ensure correct environment configuration before execution.
- Good communication skills with independent project handling capabilities

Experience



Senior Performance Engineer

Open Financial Technologies

Oct 2021 - Present (6 months +)

Providing Performance related solutions and recommendations based on the findings for Open book, Open Money and Zwitch Products of Open Bank

Helped in building and refactoring the code base of Open Money & Open book mobile app through performance engineering, thus providing a smooth and fast application in the market

Carried out a series of thorough performance testing(scripting, executing, analyzing, monitoring) for the Zwitch application while helping in building the application customer friendly(without any performance issues upto 90%)



Senior Software Performance Test Engineer, Consultant & SME

Ford Motor Company

Sep 2019 - Sep 2021 (2 years 1 month)

Skills: Load & Performance Testing, Engineering, Monitoring & Analysis, Smoke testing, Stress Testing, Capacity Testing, Volume Testing, Integration Testing

- Serving as a Load and Performance Analyst & Consultant dealing with various applications of the company and finding out bottlenecks and performance issues single handedly.
- Capable of delivering the required analysis to various load and performance issues.
- Worked with close to 500+ applications of Ford like Order fulfillment, Part analysis, SharePoint, ECommerce, CAAS, PCF, Dealer management, Fleet and retail sales, Customer management, Data Management, credit/debit card payment etc. and delivered the solution to their respective load/volume/performance/capacity issues



Principal Software Test Engineer

Ford Motor Company

Feb 2018 - Aug 2019 (1 year 7 months)

- Highly proficient and industry experienced in SDLC Lifecycle dealing with System testing to Non Functional Testing Cycles and providing the right set of recommendations to Business upon Analysis.
- Have expertise in protocols like Web-HTTP/HTML, Web Services, Trueclient, Oracle NCA, SAP, MQTT, FTP, Flex ,REST, SOAP, Citrix, desktop apps etc.
- Analyzing the right set of concurrent user load of applications, found out the breakage point, advised and provided consultation for the right set of information to the application teams in order to tune the applications for better performance
- Highly skilled in determining the right speed/effectiveness/efficiency of the application and validating the application's behavior when it is pushed beyond normal or peak load conditions



Performance Test Analyst

Ford Motor Company

Jan 2016 - Jan 2018 (2 years 1 month)

Have a record of finding the highest number of performance issues/bottlenecks for various applications(300+) observed within a very short span of time after careful analysis from Dynatrace monitoring logs,SQL traces etc thus providing in dept knowledge and right analysis report to the necessary stakeholders



Software Test Engineer

Ford Motor Company

Jul 2015 - Jul 2016 (1 year 1 month)

- A dedicated team player energized by collaborative workplaces and motivational goal-setting. Proactively communicates across project team levels, displaying positivity, humour, and enthusiasm in enhancing work climate and heightening staff morale.

- Solutions-oriented and proactive at analyzing processes and management feedback to identify opportunities to improve service standards and resolve complex problems. Able to leverage strong logical and creative thinking skills to predict project outcomes, control risk, and lay groundwork for success.
- Acted as a Test specialist as well as a Test Lead in SAP CRM and Global Order to Delivery projects was part of the successful launch of CAF CRM SELL/CRC/PSM in Ford.

Education



National Institute of Technology Agartala

B.Tech, Electronics and Communication Engineering

2011 - 2015

Btech in Electronics and Communication Engineering



Holy Cross School Agartala

Schooling, ICSE 2009, ISC 2011

1997 - 2011

Licenses & Certifications



API Testing Foundations



DevOps Foundations: Site Reliability Engineering: Performance Engineering

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Load testing using HP LoadRunner - Ford Motor Company



Cleanroom Performance Testing Certification - Ford Motor Company



JMeter: Performance and Load Testing

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Skills

JMeter • LoadRunner • Load Testing • Performance Testing • Functional Testing • Interface Testing
• Integration Testing • Software Testing • Mobile Applications • Performance Engineering

Honors & Awards



Record Breaker

Jan 2020

Was successful in finding bottlenecks and performance issues of 300+ applications within a short period of time



Asia Pacific Awardee - Ford Motor Company

Jul 2019



Ford FIGO Aspire Launch Contributor - Ford Motor Company

Nov 2015