

## MAHESWARLA MOUNIKA | Senior Performance Engineer

Email: [maheswarlamounika6@gmail.com](mailto:maheswarlamounika6@gmail.com) | Contact No: +91 8978880617

LinkedIn: [www.linkedin.com/in/mounikamaheswarla](http://www.linkedin.com/in/mounikamaheswarla)

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### SYNOPSIS

#### 4.5' Years' of Performance Engineering and Testing Experience in Enterprise Web Applications.

- **B. Tech** in Electrical Engineering from **Jawaharlal Nehru Technological University**, Anantapur in 2015 with **76%**.
- Currently working as a **Senior Performance Engineer(Associate Technology) @ Cognizant**, Hyderabad.
- Requirement gathering, test planning, test design, development, test execution and has earned a rich experience from each of the projects delivered.
- Creating performance tests using Load Runner and Scripting Experience in web services and HTTP Protocols
- Active involvement in isolation, module and workload mix executions through performance, load and stress tests.
- Deep understanding in Performance analysis and Application monitoring using APM(Dynatrace and New Relic) tools.
- Proficient at providing observations with Performance Engineering Methodologies like Thread Dump, Heap Dump and GC analysis, Profiling, Application server analysis.
- Dealing production issues and aspects like User session analysis.
- Hand's on experience in Core Java, shell scripting, Macros and AWR analysis, Selenium ATF framework.
- Expert to analyze application through Dynatrace(AppMon and OneAgent).
- Exposure to Newrelic and YourKit Java profiler.

### TECHNOLOGIES AND TOOLS

<b>Testing Tools</b>	HP Load Runner 12.5, Jmeter
<b>Monitoring Tools</b>	HP Performance Centre, AppMon, One agent, HP Quality Center and New Relic
<b>Programming Languages</b>	Core Java and Python
<b>Operating System</b>	Linux, Unix and Windows
<b>Protocols</b>	Web Https/HTML, Web service, MQ Client/Server
<b>Databases</b>	Oracle, MySql
<b>Web technologies</b>	HTML, Bootstrap and CSS
<b>Tools and Utilities</b>	Jprofiler, YourKit Java Profiler, Fiddler, Jconsole, MAT, IBM Heap Dump Analyzer, IBM Heap Dump Analyzer, Gomez, Basic AWR Report

### PROFESSIONAL PROFILE

Since June,2016 -till date: **Cognizant**, as an **Associate Technology (Senior Performance Engineer)**

#### Responsibilities:

- Active team member in planning, scripting, executions (performance, load and stress tests) and analysis.
- Working with product team develop nonfunctional performance requirements use cases, script development, work load model and different test executions
- Result analysis and isolating performance bottlenecks
- Involved in analyzing heap dumps and thread dumps, analyzing the GC to find the memory bottlenecks involved in the applications by using Dynatrace and basic AWR Analysis.
- Performed pre-release and post release assessment for each minor and major release of the ECOS application, delivery of End to End Root cause analysis report for all the transactions which are having performance issues, delivered the report with key observations and recommendations.
- Worked on selenium automation scripting, developed few scripts and deployed in github and integrated with Jenkins.
- Ensured the process, standards, templated, documentation and quality devevariables

## PROJECTS:

**Project Name** : **Hartford Insurance**  
**Client** : Hartford Financial Services Group  
**Duration** : Nov,2016 – Till Now

### **Description:**

Hartford Financial Services Group is a investment and insurance company. It provide a wide variety of insurance coverage, including accident, automobile liability, personal damage etc.

### **Application Module1: ECOS (Enterprise Claims Operating system)**

- ECOS is new claims software based on Java Programming and provided by Guidewire. Claim Center's rich functional depth enables end-to-end claims lifecycle management improvements from intuitive loss report intake through advanced adjudication processes and integrated operational reporting.

### **Application Module2: ComPAS (Commercial Policy Administrative System)**

- ComPAS is the implementation of Policy Centre framework from Guidewire replacing the legacy applications to create new policies and is an integration of 4 other individual profiles like MDM,ODS, Ratabase and Output also other applications like Icon, CUE and OQP.

### **Code Profiling:**

Identified performance bottlenecks using Yourkit Java profiler/ JProfiler for ECOS application and suggested recommendations on DB and application side.

### **Technology and Tools:**

Core Java, Oracle, LoadRunner, Performance Center, AppMon, OneAgent, MAT, Fiddler, Gomez, JProfiler, Yourkit, Eclipse, Web service, MQ Client/Server

**Project name** : **Library Management System**  
**Client** : **Cognizant Internal**  
**Technologies** : Core Java HTML, CSS and JSP, Eclipse IDE, Apache Tomcat Server 6.0, MySql.  
**Duration** : Sept- Oct 2016

### **Description:**

It is used to manage the catalog of a library. This helps to store information of the members, books, status of book issue, book availability and suppliers details. LMS activities are add book, edit book, member registration, book issue and book return.

## **ACADEMIC PROFILE:**

- B. Tech in Electrical & Electronics Engineering from Jawaharlal Nehru Technological University, Anantapur in 2015 with **76%**.
- Diploma in Electrical and Electronics Engineering from Sree Venkateswara Govt Polytechnic, Tirupathi in 2012 with **80%**.
- 10<sup>th</sup> Board of Secondary School Education, Andhra Pradesh in 2009 with an aggregate **80%**

## **STRENGTHS**

Highly professional, individual contributor, strong work ethic, adaptable, quick learner, passion to technology, work under fast paced, team-oriented environment.

## **PERSONAL DETAILS**

Languages Known: English Telugu and Hindi.  
Permanent Address: 8/28, Eswara Reddy Nagar, Proddatur, Kadapa Dist., AP-516360.

## **DECLARATION:**

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

**(Mounika M)**