**SNEHA SONI**

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**Summery:**

Pursuing (3rd semester) Master of Science in Cybersecurity from Hood College, Fredrick. 3.5 years of work experience as a software developer and tester. Worked on GNS3 and Wireshark networking tools to configure the network virtually, DFF (Digital Forensic Framework), FTK (Forensics Tool Kit) to analyse the digital evidence, and JAVA technology to develop a software. Have a knowledge on Cryptography, Steganography, Hex editor, Web Exploitation, Log Analysis, Network Traffic Analysis, Risk Management, Ethical Hacking.

**Academic Profile:**

* Completed 2nd semester of MS in Cybersecurity with 3.81 GPA.
* Bachelor of Technology in Information Technology from Women’s Institute Of Technology, Darbhanga, India in 2010 with 74.14% (about 3.5 GPA on a 4.0 scale).
* 12th from CBSC from Jesus & Mary Academy, Darbhanga, Indiain 2006 with 65%.
* 10th from CBSC from Holy Mission High School, Samastipur, India in 2004 with 81.20%.

**Extra-Curricular:**

* Active member of Cyber Blazers team of Hood College.
* Actively Participated in National Cyber League (NCL) in Fall 2019 and achieve silver bracket in individual and team game both .
* Actively Participated in MAGIC's Capture the Flag Cybersecurity Competition in fall 2019.

**Work Experience:-**

* **Software Development Engineer**

Qaagility Technology, Mumbai, India.

March, 2016-December, 2017

Responsibility:

* To develop a web based application of retail domain according to agile methodology using JAVA technology( Spring and Hibernate).
* Analyze user requirements and convert requirements to design documents.
* To produce clean, efficient code based on specifications an perform unit testing on each module.
* After every deployment, to test new specification.
* To write the user stories and test scenarios of every features of application in JIRA.
* To perform smoke testing, regression testing, UI testing, functional testing, browser compatibility testing on application.
* To report the defects in JIRA after manual testing of application.
* To make a flowchart of every new features implement in application.
* **System Engineer**

ICICI Lombard General Insurance**,** Hyderabad, India.

December, 2012-December, 2014

Responsibility:

* To develop an application for Health Management System to make a claim for health insurance.
* To design the Unifies Customer View of application.
* Work on JAVA based technology for front end and MySQL for backend of application.
* To provides information by collecting, analyzing, and summarizing development and service issues.
* To manually test the application for motor insurance and reports the bugs and forward to claim department.
* **Associate Software Developer**

Vertex Customer Solutions India Private Limited, Hyderabad, India.

June, 2011- December, 2012

Responsibility:

* To interact with client and make a report on their requirement.
* Identifying areas for modification in existing programs and subsequently developing these modifications
* To develop a module on new features of application using jsp and servlet.
* To manually test the application (Seibel and Ameo) and inform the back end team about defects.
* To prepare the user stories and test cases for testing the application.
* To take a customer feedback and activate packages of application in their account.

**Internship:-**

* **Software Intern**

Aerus Infotech, Thane, India.

September, 2015-February, 2016

Responsibility:

* To develop a web based application of a Book Store, on which user can access (read/check-in/check-out) the books and order them online.
* To test the application on Windows, iOS, and on mobile devices also.
* Technology used: Java, JSP, Servlet, jQuery, Ajax, MySQL.

**Training:-**

* **Certification course on JAVA technology**

Aptech Computer Education, Thane, India.

January, 2011-June, 2011

Core Courses:

* + Core JAVA
  + Advance JAVA
  + Web based technology: JSP, Servlet
  + Oracle 11g

**Technical Qualification:-**

* Networking Tools: GNS3, Wireshark
* Digital Forensic Tools: DFF, FTK, Registry Viewer
* Languages: C, C++, JAVA (core, advance), JSP, Servlet, jQuery, PHP(core), Spring, Hibernate,Python
* Database: Oracle 11g, MySQL
* Web Development: HTML, CSS, Java Script, JSTL, JSF
* IDE: Eclipse, NetBeans, Navicat for MySQL
* Application Server: Tomcat
* Testing Tools: Selenium
* Operating System: Kali Linux, Windows (XP, Vista, 7, 8, 10), Mac
* Penetration Testing Tools: Aircrack-ng, John the Ripper, Metasploit, Nmap, Wireshark, Burp Suite, Hashcat