



Surbhi Jain

Software Engineer 2

## OBJECTIVE

Self motivated, hard working and highly focused working professional seeking an opportunity in a global organization to utilize expertise in software development.

## TECHNICAL SKILLS

- Languages: Java, Python, C
- Framework: SpringBoot
- Operating System: Windows, Linux
- Database: Cassandra
- Tools: Git, Maven, Sonar, Jenkins, Kibana, Grafana, Jira, Bitbucket, Docker, Jmeter
- Web technologies: HTML, CSS, Ember JS
- Testing Frameworks: Junit, Jmockit
- Skills: Coding, Data Structures, Algorithms, Design Patterns
- Messaging Queue: Kafka

## INDUSTRIAL EXPERIENCE: 6 YEARS

- Currently working as a Software Engineer with Ciena Corporation.
- Worked with Aricent Technologies from Jan 2015 to June 2018

## PROJECTS UNDERTAKEN

### • MCP (Manage, Control and Plan)

MCP software converges the complete network operations lifecycle through network planning, infrastructure commissioning, service fulfillment, and service assurance.

Role: Developer

Tools and Technologies: Java, Python, REST, Ember JS, Git, Sonar, REST, Bitbucket, Jira, Kafka

Database: Cassandra

Responsibilities: Currently working as a software developer in submarine module of MCP. Developed an application known as Spectrum Sharing.

### • Site Manager Software for 6500 Packet-Optical Platform

Site Manager is a craft EMS which manages the 6500 NE (hardware) developed by Ciena. It has multiple applications which talks to NE device for performing the CRUD over different configurations on Network Element. It is also responsible for performance and monitoring operations.

Role: Developer

Tools and Technologies: Java, Multithreading, Design Patterns, Perforce, Code Collaborator

Responsibilities:

- Worked as a Software Developer in this project.
- Working in the Agile model, my responsibilities include enhancing the current applications in Site Manager, supporting new configurations, fixings bugs to improve the product quality.

## ACHIEVEMENTS

- Received Kudos in Ciena for enhancing a less known tool ISTR in Site Manager.
- Received Individual Excellence Award at Aricent for Constantly Learning.
- Received Team Excellence Award for Quality Delivery.
- Received Code Culture Award at Aricent from client Cisco.
- Completed Aricent Certification 2016 'Programming in Java'.
- Successfully qualified Nalanda Training at Aricent in first attempt.
- Qualified GATE (Graduate Aptitude Test in Engineering)-2014.
- Got 2nd position in 3 year of B.Tech.
- Got 1st position in 1st and 2nd year of B.Tech.

## CONTACT INFORMATION

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### • Cisco Unity Connection (AVRIL)

Avril is a messaging and voicemail solution that provides users with flexible message access options. Avril lets the users to access messages from email inbox, Cisco Unified phones and from Cisco Spark. Users can set their personal greetings.

Role: Developer

Tools and Technologies: Java, REST, SpringBoot, Git, Jmeter, Kibana, Grafana, Sonar, Jenkins, Maven, Jira, Junit, TestNG, JMockit, Cloud Foundry

Database: Cassandra

Responsibilities: Worked as a software developer in Avril Project to create a voicemail solution. Followed Agile model, and enhanced the feature set, providing support as Devops person, worked on testing frameworks, fixed bugs to improve the product quality and developed the new features as per the requirements.

### • TFTP(Trivial File Transfer Protocol)

TFTP is a protocol that is used for transferring files. It allows a client to get a file from or put a file on to remote host.

Role: Developer

Tools and Technologies: C, Data structures, CVS, valgrind, gcov, vim, gdb

Responsibilities:

Designed and developed the TFTP using Socket programming. Created test stubs and tested the protocol. Also involved in debugging and bug fixing.

## ACADEMICS

- Completed B.Tech in IT from Vaish college of Engineering(M.D.U), Rohtak with a score of **80%**
- Completed 12th (HSC) from Shiksha Bharti School, Rohtak affiliated to CBSE Board with **88%**
- Completed 10th (SSC) from Shiksha Bharti School, Rohtak affiliated to CBSE Board with **86.2%**