

# KOMAL MISHRA

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## SUMMARY

- + **Software engineer with Overall 5.5+ years** of strong experience in C/C++ and linux as a platform with strong knowledge of Data structures and algorithms.
- + **3.5+ years of** experience in Control Plane development in Ciena , With support for different lines cards and various client types(SONET,ETHERNET , OTN)
- + 2 .7 years of experience in **Altran Technologies working for CISCO on product NCS4k(OTN and driver)**since June 2017, in in development of network orchestration tools

## HIGHLIGHTS

- + Strong knowledge in **C(2.8 years) and Linux OS.**
- + strong knowledge in **C++(3.5 years).**
- + Having basic knowledge of Python and Perl
- + strong knowledge of **data structures and Algorithms, networking and operating system.**
- + Excellent **Communication, Interpersonal** and **Analytical** skills.
- + **Quick learning ability** with proficiency in **debugging skills** and **troubleshooting.**

## TOOLS

- + VIM & GDB & GIT & JDSU , Simulator
- + JIRA & Confluence
- + GIT & Gerrit

## Programming Languages/

- + C, C++, Python
- + Python Scripting

## Operating Systems / Platforms / RDBMS

- + Unix, Linux, windows

## EMPLOYMENT HISTORY

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From August 2020(3.5+years) **Ciena**– Software Development Engineer 2A

Project : 6500 RLS.

- Worked on Ciena 6500 product Layer 1 with different series and different cards.
- Having a good exposure of debugging on Traffic Management side Data Path
- Worked as main developer of “Exclusion Profile” feature for 6500 product
- Handling multiple task together within deadline.
- Personal Growth – Learnt concepts of c++. Along with good knowledge of 6500 product

From December 2017(2.5 years) **Aricent** – Embedded Software Engineer

Project :NCS4000 Chassis

- Worked on OTN datapath with different mediums(OTN/Ethernet)
- Having a good exposure of debugging on OTN Data Path.
- Having experience of debugging issue related to fault management
- Lead developer for WANPHY feature .
- Did python scripting for automation(SANITY) script
- Personal Growth - Leant basic of Concept of C with OTN

## ACHIEVEMENTS/AWARDS/PUBLICATIONS

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- Did internship on Machine Learning from IIT-BHU
- Scored Gold Badge in HackerRank coding platform.
- Scored a Gold Bagde for C++ in HackerRank platform
- Did Core JAVA training from HP
- Received Bravo 4-5 times from My leads and Manager as an appreciation and Spot Award as well.
- Filed 2-3 Patents in my current organisation.
- Leetcode Profile - <https://leetcode.com/komishra/>
- Participated in girls Football Tournament and won 1st prize. • Coordinator at Innotech’15(Techfest of KIET)

## EDUCATION

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2013-2017

**BACHELOR OF TECHNOLOGY, INFORMATION TECHNOLOGY**  
*Krishna Institute of Engineering and Technology ,Ghaziabad(Agg 82.2%)*