Kaushik Chatterjee

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**Summary**

A very passionate developer with 2 years of experience with developing and debugging.

**Employment History**

**Total Experience –>** 2 years

**Company: Wipro Ltd,** Bengaluru, Karnataka

**Role:** Developer

**Period:** November 2017 – Present

* Working as a Developer for debugging, developing and unit testing various modules of SSR (Physical Chassis Router) and EVR (Ericsson Virtual Router) of Ericsson.
* Debugged and fixed many TRs (Trouble Reports).
* Worked as part of the team on 'Ingress Optimization' feature on Ericsson Virtual Router, and resolved multiple complex issues here involving multi-threading, race conditions and mutex.
* Worked on the development of a major feature called 'Packet trace and debuggability' which mainly focus on the improving the packet debug ability that will help in reducing packet loss Wrote a counter function and wrote code for the implementation of 6 CLIs for the feature. Also did unit testing whenever some bugs appears.
* Currently working on a feature called ‘PARP Hardening’ which is being done to implement robustness of the PARP module of the EVR. The part which I am working on monitors if the PAP state of an SSC(Smart Service Card) is properly received by rest of the SSCs. Also implementing CLI commands for it.

**Professional Skills**

* Programming - C, Python
* Networking (Routing & Switching)
* Data Structure and Algorithms
* Multithreading
* Linux
* GDB debugging
* Socket Programming

**Achievements**

* Received 5-Star rating (Top 10%) in Wipro for my performance in the project.

**Education**

• **Veer Surendra Sai University of Technology (Formerly UCE,Burla) ,Sambalpur, Odisha**

B Tech in Electronics and Tele-Communication Engg.

Graduated May 2017

CGPA - 7.5

• **Mother's Public School, Bhubaneswar, Odisha**

Class 11 & Class 12

Graduated May 2012

CGPA - 70%

• **DAV Public School, Angul, Odisha**

Class 10

Graduated May 2010

CGPA - 91%

**Currently Learning**

* Improving skills in data structures and algorithms.
* Neural Networks and Python.
* Socket Programming.
* Solving Hackerrank, Interviewbit and Google Code Jam problems.