

# Amar Pratap Singh

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## CONTACT INFORMATION

House 20, Flat 102, 8th B Main  
Bangalore 560029

Phone: 9731924441  
E-mail: amarpratap.knit@gmail.com

## SUMMARY OF EXPERIENCE:

Software Engineer-II (Developer) at NetApp India.  
Over 4.6 years of experience in the field of information technology with expertise on Object Oriented Analysis and Designs including requirement analysis and module implementation.  
Extensive experience in C, C++, Linux, Multithreading.  
Ability to lead, motivate and provide effective guidance to a team of professional.

## EDUCATION

<b>KNIT Sultanpur, UPTU</b> Computer Science and Engg	Year: 2006 - 2010 (79.80 %)
<b>Kendriya Vidyalaya, Raebareli, UP</b> Intermediate	Year: 2005 (85.60 %)
<b>Kendriya Vidyalaya, Raebareli, UP</b> High School	Year: 2003 (86.60 %)

## AWARDS AND ACHIEVEMENTS

Awarded CAP (Cisco Achievement Program) for outstanding efforts and achievement  
Awarded pride at Cisco award for fixing memory leak.  
Held 1st position in class of 62 students in computer science.  
Cetpa certified J2EE programmer  
Certified by IBM Database Associate DB2 9 Fundamentals

## INTERESTS

Data Structure, Algorithms, Operating Systems

## TECHNICAL SKILLS

**Programming Languages:** C, C++, PThreads, SQL, HTML  
**Operating Systems:** Windows, Linux, Mac OSX  
**Tools:** GDB, KDB, Valgrind, Wireshark,  
**Version Control:** Git, Bitkeeper, Perforce  
**Programming Concept:** Multi-threading, Socket Programming, Inter-Process Communication

## PROFESSIONAL EXPERIENCE

<b>NetApp India</b> <i>Software Developer II</i>	Sept 2014 – Present Domain: Data Protection
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- Working as data protection developer for sync/asyn Snapmirror product.
- Responsible for handling customer issues, analyzing core dumps and providing fix for same.
- Responsible for understanding Ontap kernel and its interaction with Snapmirror.

**Skills:** C, C++ , Multithreading  
**Tools and Platform:** Linux, Kdb, Perforce , Wireshark

**Cisco Systems**  
*Software Developer II*

Nov 2011 – Sept 2014  
Domain: 4G LTE

- As part of feature development, was involved in feasibility study and development of SRVCC and ISR implementation.
- Analyzed and fixed memory leak happening due to negative messages and boosted performance by increasing no of subscriber that can be handled.
- Created reusable unit test module to test generated messages to automatically decode network message based on hex dump.
- Debugging and analyzing core dumps and providing fix on timely manner.
- Provide mentoring to new hires on development and debugging issues and peer reviewing code.

**Skills:** C++, C , STL

**Tools and Platform:** GCC, GDB, BitKeeper, Git, Wireshark, Linux

**Tata Consultancy Services**  
*Assistant Systems Engineer*

Sept 2010 – Nov 2011  
Domain: Mobility

- Worked as a server side developer.
- Designed and developed web application and web services for thin client.
- Provide training to new-hires.

**Skills:** Java

**Tools and Platform:** Apache Axis, Apache Tomcat, Linux

HOBBIES

Playing Cricket, Travelling