

Database Administrator Database Administrator Database Administrator Boston, MA Integrating ZigBee into Mobile Phones for Energy Efficient Internet Access in WLANs.(In progress) Detailed analysis of Wifi traffic on OpenWRT. Comparative analysis of 802.11 g and n traffic. Correlation between datarate, error rate, modulation scheme, CRC failures, retransmission with distance and obstacles. Reverse engineered the retransmission scheme for Apple computers. Load balancing OpenWRT Access points. Analyzing traffic on access points and using this information for load balancing. Reverse SSH, Tunneling using TUN/TAP drivers. Implemented 128 bit RSA algorithm on a FPGA. Implemented a project "Distributed Server File sharing (based on Gnutella 0.4 protocol) ". Implemented a short range packet radio system. Further enhanced the system for Peer to Peer file distribution system. Developed a package for numerical computation using C on Linux. Oracle Applications r12 Work Experience Database Administrator Upgradation November 2008 to July 2011 11i to r12/legacy systems to r12), patches, maintenance works. Received the Best Project in Account award for 2 consecutive years and Best Team award for 2010-2011. (Nov 2008 - Jul 2011) References to be provided on request. Education Master of Science in Computer Science Northeastern University - Boston, MA September 2011 to Present Additional Information COMPUTER KNOWLEDGE Operating System: Windows 95/98/2000/NT & UNIX, Solaris, Linux (various flavors and versions). Packages: MS-Office, Open Office, Oracle Applications Suite r12,11i. Languages: C C++, Java, Sql, Pl/Sql, Assembly. Other: OpenWRT, Oracle Applications Suite r12 and 11i, Matlab and HTML, XML, OWL

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