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- Objective:** Seeking a challenging software analyst/developer internship position.
- Education:** **MS in Computer Science(CIS) August 2006 – December 2007**
University of Pennsylvania, Philadelphia, PA
Relevant Courses- Artificial Intelligence & Machine Learning, Decision Support Systems, Database & Information Systems. *GPA: 3.9/4.0*
- B.E. in Computer Science (CS) August 2002 – June 2006**
Institute of Technology and Management, Gurgaon, India
Aggregate marks: 73% *GPA: 3.84/4.0*
- Diploma & Honors in Information Technology 2003 –2004**
NIIT(National Institute of Information Technology), New Delhi, India
- Experience:** **Department of Operations & Information Management, Wharton School (Sep. 2006 – Continuing)**
Research Assistant - Working towards providing a web interface facilitating inventory management, medical aid claims management and financial administrative capabilities into an existing system.
Technologies Used – PHP, MySQL & HTML
- Desktop Computing Services, School of Art and Science (Sep. 2006 – Continuing)**
Information Technology Consultant – Providing IT and software support to the company.
Technologies used – Mac OS 10, Windows XP
- Department of Telecommunications, Government of India (June 2005 – July 2005)**
DSL Network Utilization Monitor: Analysis of traffic and call data of various types of telecommunication services. The network inventory information was collected in Round Robin Databases and the tasks included reading these encrypted databases, analyzing it and providing an interface for the same.
Technologies Used – Perl, MySQL, HTML, CGI Scripting
- WIPRO Infotech India ltd. (June 2004 – Aug 2004)**
Delhi Online Trading (DOTS) system: Worked on the UI and database connectivity modules of DOTS system. DOTS project aims to provide the software infrastructure for day-to-day trading operations in Delhi Stock Exchange.
Technologies Used – Java, MySQL
- Computer Skills:** **Languages:** C, C++, Java, XML, PHP, HTML, Swing
Platforms: Windows, Linux **RDBMS:** MS Access, MySQL
Tools and Technologies: TCP/IP, CVS, Matlab, Excel, Word and PowerPoint
- Projects:** **Developed a marketing / roll-out strategy for Petplan –**
Petplan, a new pet insurance provider wanted to find new locations in North America where they can provide their services. Using statistical and data mining techniques on veterinary data for certain locations and US census data for each of these places, I formulated a model which can predict the profitable locations for Petplan to venture into. The model also provides information about the people who are more likely to buy the insurance policy and hence would be useful in Petplan's advertising campaign.
Technologies used – Excel, MySQL
- Blogging Website –**
Developed a blogging website which manages and aggregates blog posts created by multiple registered users. Each user can create multiple group of friends and add other users to one or many of those groups. The website provides the basic capabilities like administrator account, search facility, generation of RSS feeds etc.
Technologies used – PHP, Apache, MySQL
- Prediction system for float funds in banking systems –**
Developed a system to mine the history of float funds and deposit/withdraw transactions to predict the amount of float funds that could be potentially available to the bank at a future date. The main steps were to pre-process the data, apply data mining algorithms and visualize the results in the form of graphs/charts.
Technologies used – Matlab, MySQL