**Revoori Vishvesh**

**200801047**

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Address: G-201, HOR (men), DAIICT, Gandhinagar.

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| **Education** |

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| **2008-11** | Dhirubhai Ambani Institute of Information and Communication Technology(DAIICT), Gandhinagar (Gujarat)  B.Tech, Information and Communication Technology   * CPI 8.32/10 (till 5th Semester ) |
| **2006-08** | Gowtham Junior College, Gudavalli, Vijayawada(Andhra Pradesh)  Board of Intermediate Education   * 95.40 % (aggregate) |
| **2005-06** | Hitech Modern Residential High School, Medchal, Hyderabad(Andhra Pradesh)  Secondary School Certificate   * 88.16 % (aggregate) |

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| **Skills** |

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| **Expertise Area** | Computer Organization, Database Management systems, Data Structures and Algorithms, Embedded Hardware Design, Game designing and Development, System Software. |
| **Programming**  **Languages** | Ajax, Action script, Assembly, C, C++, CSS 2, Java, JavaScript, MySQL, Objective-C, PHP, Verilog. |
| **Tools and**  **Technologies** | Adobe Dreamweaver, DOM, HTML4.1, LC3, NES-6502, Adobe Flash CS3, eclipse, Matlab, Jquery, MS Office, Xcode, Xilinx. |
| **Technical Electives** | Digital System Processing, Introduction to Algorithms, Introduction to Cryptography, Models of Computation, Computer Graphics. |

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| **Internship** |

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| **Rural**  **Research** | Manikanta Eye care, Hyderabad, AP.  **Guide**: Prof. Ganesh Devy, DAIICT | (Dec 09 – Jan 10) |
| |  | | --- | | During the internship, I assisted an ophthalmologist in a rural area. This gave me a chance to view the scenario in the rural areas and helped me to know how the lack of modern technology affects the rural people.  **Guide**: Derek Lomas, Carnegie Mellon University. (Feb 10 – Jul 10)  Playpower (USA) is an Open Source organization aimed at developing games for a $10 computer. Playpower seeks to use these computers to improve educational opportunities for underprivileged children in India. I helped in creation of the 3 games and software Development Kit for these computers. | | |

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| **Projects** |

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| **Playpower Flash Games**  **Guide**: Derek Lomas, Carnegie Mellon University. | Team Size-5 |
| In this project, we collaborated with researchers from CMU to develop Flash games which help to improve Number Sense and Number Concepts of kids of age 6-12. Currently we developed 4 games that help to assess their current maturity in dealing with Numbers. | |
| **Farmer Resource Database Management System(FDBMS)**  **Guide:** Prof. Minal Bhise, DAIICT. | Team Size-2 |
| Developed a FDBMS prototype, where farmers use it to optimize their resources and increase their efficiency and this also helps them to manage their records much better than handwritten.  **Infrared based Electrical Appliance Control (IREAC):**  **Guide:** Prof. Rahul Dubey, DAIICT. Team Size-5  IREAC detects the number of persons in the room and switches the electrical appliances accordingly. I was the lead programmer in the team, have coded the microcontroller and designed the transmitter and receiver to work synchronously.  **Semi Scientific Calculator**  **Guide:** Prof. Rahul Dubey, DAIICT. Team Size-5  Developed a semi-scientific calculator for 9 arithmetic and logic functions. We used 7 segment displays on FPGA Spartan 3G kit to display the result. I was the programmer in the team, took the coding part of the project and finished it successfully.  **Developing Apps for iPhone and iPad:**  **Guide:** Derek Lomas, Carnegie Mellon University. Team Size-4  We have developed an app, which is web based called cricket updates info. This app gives the info of live cricket scores and many more details to the users, and we are also developing a game called battleship Number line using Cocos2d game engine.  **Academics Website (currently going on)**  **Guide:** Dr. Asim Banerjee, DAIICT Team Size-10 As part of our course Software Engineering, we are developing a platform, which serves the academic needs of an educational institution. The project aims at developing an efficient way to manage all the academic activities of an educational institution. | |

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| **Positions of Responsibility** | |
| * Coordinator, Designer for event ‘SOLUTION’, Annual Cultural-Fest “Synapse-2010”. * Coordinator, Designer for Event ‘ANZEIGE’ Annual Cultural- Fest-2011 of the College. * Game Developer, Playpower. * Member and volunteer of the Electronic Hobby Centre Club. | (Feb,10 – Feb,11)  (Jun,10 – Feb,11) |
| **Awards and Achievements** | |
| Passed Microsoft Technology Associate (MTA) Database Fundamentals certification Exam. | |

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| **Interests and Hobbies** |
| Philately, numismatics, horse riding.  Exploring new software and playing computer games. |

**Declaration**: The above information is correct to the best of my knowledge.

Revoori Vishvesh, February 19, 2011