

Nitin Agrawal

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Objective

A career with a progressive organization that will use my education ,skills, abilities and experience in an executive capacity , where I can effectively contribute to operations in any capacity that best matches my skills and experience .

Areas Of Interest

- 1) Software Engineering
- 2) Data Structures
- 3) Algorithms
- 4) Database Management

Education

Degree	Institute	Stream	Year	Performance
B Tech (currently in 3rd year)	International Institute of Information Technology, Hyderabad	Computer Science and Engineering	2012(Expected)	8.2/10 (C.G.P.A)
Senior Secondary	Sir Padampat Singhania Education Centre, Kanpur,U.P.	C.B.S.E.	2007	83.8 %
Secondary	Little Flower School, Gorakhpur , U.P.	I.C.S.E.	2005	88.2 %

Technological Skill Set

Programming Language	C, C++, Java, Visual Basic, Racket
Assembly Language	Nasm , Mips
Scripting Language	Python,Bash
Operating Systems	Windows XP/Vista/7 , Linux
Internet Technologies	HTML, CSS, Javascript, Ajax, jQuery
Server Side Scripting	CGI,PHP
Database Management System	MySql , MS SQL Server 2005
Software Tools	MS Office , Photoshop , GIMP, Matlab , OpenGL, Flex ,Bison
Programming Environment	GNU/GCC , MS Visual Studio

Relevant Course Work Done

Computer Programming, **Data Structures, Algorithms** , Theory Of computation, Computer Organization, IT Workshop 1: Computer Systems and Environment, IT workshop 2: Scripting, IT Workshop 3: Software Technologies, Operating Systems , **Database Management Systems** , , Introduction to Middleware Systems, Artificial Intelligence, Computer Graphics, Principles of Programming Languages, Compilers .

Major Projects

- **Multimedia Documenting Of Lectures:**

In this project had to built a portal where all documents related to studies like audio lectures , video lectures , assignments, exam questions , lecture materials would be made available and student can look up the study material on this site . **Deliverables were made** and **analysis** of system was done .

Advisor : Prof Navjyoti Singh,Dr Kirti Garg

Technology: MYSQL , PHP, JAVASCRIPT ,AJAX ,CSS

- **Online Mobile Recharge System :-**

Resume of Nitin Agrawal

This system helped to recharge amount balance in mobile via an interface that interacted with 3 systems using RPC mechanism involving SOAP protocol via HTTP .

Advisor : Dr Ramesh Loganathan

Technology : Net Beans 6.1, J2EE, HTML, CSS and Javascript

- **CDR OF POWER SUPPLY MANAGEMENT SYSTEM :-**

There were three main mission objectives of the system. First was maximizing revenue of power supply system and second was to maintain a good record of electricity bills and third was to provide a good and simple consumer interaction . Sytem operational objectives , its design document, the threats involved, interaction with consumer, system's efficiency were all jotted down through critical design review.

Advisor: Dr K.S. Rajan

- **ITWS Management Portal :**

In this project we had to make a portal , where this portal would assign a project based on first come first service . On one project one team could do a project . The team could be comprised of any number of persons . Correspondingly projects were assigned to the team and E-mail was sent to instructor regarding allocation of projects , and to students regarding allocated project.

Advisor : Dr Vikram Pudi

Technology : Web2py ,CSS ,JAVASCRIPT

- **Spell Checker**

In this project , a dictionary would be given and we had to find whether that word exists or not . If that word didn't exist we had to give five words closest to that word in a time gap of 1-2 seconds from a dictionary of lakhs of words.

Advisor : Dr Anoop Namboodri

Technology : C language

Minor Project

- Made image cropping and uploading project in an event organized by Yahoo popularly known by event Yahoo-HACK U .
- Middleware Technologies (Client-Server interaction) (In JAVA)
- Created game of fish , made a car , robotic bird in graphics course (use of C++,OpenGL)
- Implemented OpenGL functions in graphics course (C++)
- **Simulation of Paging Algorithm** in Operating System Course (use of C)
- **Bash Like Linux Shell** in Operating System Course (Use of C++)

Academic Achievements

- All India Rank 6686 (out of 2.5 lakhs appeared)in IIT-JEE .
- All India Rank 796 (out of 8.5 lakhs appeared)in All India Engineering Entrance Examination.
- Got 3rd rank in quiz organized by Computer Associates (CA) company.

Extra Curricular Achievements

- Participated in various cultural events like Skit , Group Song ,etc.
- Participated in various sports activities like Cricket , Basketball ,carrom board etc.

Declaration

I hereby declare that above information is true to best of my knowledge.