

Kalpik Nigam

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Objective A challenging career to gain rich experience in the evolving computing industry

Date of Birth 25 – May – 1985

Gender Male

Educational Qualifications **Bachelor of Technology (Computer Engineering)** (2003 - 2007) from Uttar Pradesh Technical University (**UPTU**).

Passed all semesters with first division with an average of **74.48%**.

Exam	Year	Institute	Board/University	Result
X	2001	St Columba's, New Delhi	CBSE	62.8%
XII	2003	St Columba's, New Delhi	CBSE	79.3%
First Year	2004	MGM's CoET, Noida	UPTU	70.0%
Second Year	2005	MGM's CoET, Noida	UPTU	71.2%
Third Year	2006	MGM's CoET, Noida	UPTU	74.2%
Fourth Year	2007	MGM's CoET, Noida	UPTU	77.7%

Work Experience

- **11th June 2007 – Current: Technical Analyst**, Office of Innovation, Computer Sciences Corporation, Noida, India.
 - **Collaborative Open Innovation Network:** Established and currently maintain CSC's COIN infrastructure. The network runs a customized version of Sourceforge Enterprise Edition, on top of Linux servers. My responsibilities include monitoring, taking proper backups, deploying security patches etc, so that the network performs at its peak capacity.
 - **Mentorship:** Mentored Office of Innovation's in-house interns, as well as those connected through COIN.
 - **Internal Portals:** Built internal initiative supporting portals based on the LAMP architecture. These sites helped in streamlining and automating our initiatives.

Project Work

- **20th February 2007 – 30th April: (Computer Sciences Corporation India - Internship)**
Business Process Automation: The main idea behind this project is to automate several business processes in an organization such as procurement, etc. so that no manual intervention is required. It would have a Services Oriented Architecture (SOA) so that it's scalable and flexible for future upgrades.

Project Work

- **26th August 2006 – 15th January 2007: (Computer Sciences Corporation India – Internship)**

E-Commerce Portal using Web 2.0 technologies like REST WebServices, AJAX, XML, PHP, MySQL, and RSS. initially a model of Amazon's architecture, but was later improved towards providing additional functionalities such as buying, selling, auctioning, shopping cart, live chat (IRC), ratings, reviews, etc. For ease of payment options, has been integrated with online money transfer services such as Paypal.

- **College's Official Website.** Hosted and currently maintain the official college website for the college on **LINUX server**
- Undertook Training from **Tata InfoTech Limited** in summer 2005. Worked on an Online Customer Care Application (ProZone Customer Care)
- Summer Internship at **Computer Sciences Corporation (CSC India)**
 - **Grid Computing**, using **Alchemi Framework** - Aimed at utilizing the idle power of computers within the network for computation intensive tasks substituting a super computer at a fraction of its cost.
 - **Oracle BPEL Process Manager** - BPEL is based on the XML schema, simple objects access protocol (SOAP), and Web services description language (WSDL). BPEL provides enterprises with an industry standard for business process orchestration and execution. Using BPEL, you design a business process that integrates a series of discrete services into an end-to end process flow.
 - **CSC Office of Innovation Website**, using **Joomla** CMS - The official website of OOI in India. The site serves updates regarding the latest events and achievements of OOI. Being based on Joomla, it is very easy to administer and update site content.
 - **CSC Press and Media Intranet Site**, using **PHP/MySQL** - This site maintains a database of all public media interactions of CSC India. The entire database is available online including newspaper clippings. All this is easily searchable on various parameters via a user friendly interface.
 - Attended a training session on **Services Oriented Architecture** using the **Apache Axis Framework** - Apache Axis is an open source, XML based Web service framework. It consists of a Java and a C++ implementation of the SOAP server, and various utilities and API's for generating and deploying Web service applications. Using Apache Axis, developers can create interoperable, distributed computing applications.

Awards Received

- Won **FIRST** Prize in a national level Software Development event organized by Baba Banda Singh Bahadur College of Engg. and Tech. Punjab (TechFair 2005)
- Won **FIRST** Prize in C++ programming in an intra college competition in 2003
- Won **FIRST** Prize in Group Singing event in an intra college fest in 2005
- Won **SECOND** Prize in State Level Roller Skating competition in 2000
- Secured **THIRD** position in college in university examinations 2004-2005

Technical Knowledge

Operating Systems:

- Windows 9x / NT / 2000 Server / XP / 2003 Server / Vista
- GNU/Linux (Red Hat / Fedora / SuSE / Ubuntu / Debian)
- BSD (FreeBSD / PC-BSD)
- Sun Solaris 10

Languages:

- C
- C++
- Java

Database:

- MySQL
- Oracle

Internet:

- Microsoft FrontPage
- Macromedia Dreamweaver
- PHP
- JSP
- JavaScript
- HTML
- CSS

Multimedia Tools:

- Adobe Photoshop
- The GIMP

Interests

- Programming – challenging new brain teasers
- Open Source enthusiast, love tinkering with various flavors of GNU/Linux
- Beta Testing
- Surfing the Internet (Active member in technical forums)
- Blogging – <http://www.kalpiknigam.com>

Responsibilities

- **Co-Administrator** and **Contributor** at <http://www.freeme.in>, a site dedicated to the Free Software Revolution
- **General Secretary** and **CORE MEMBER** of **PARAM TEAM**, the premiere computer club of the college. Member since 2003
- **Organized** important events in the college e.g. Quizzes, Seminars, Workshops, Cultural/Annual Day Activities, Programming contests, Online Gaming contests etc

References

- **Mr. Srinivas Polisetty**, Director of Strategic Initiatives, Computer Sciences Corporation.
- **Professor Sunil Wagh**, Vice Principal, Mahatma Gandhi Mission's College of Engineering and Technology, Noida.