

SANCHIT KARVE

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Education:

Bachelor of Engineering - Computer Engineering Major
Xavier Institute of Engineering (XIE), University of Mumbai, India

(June 2006 – June 2010)

Skill Set:

- **Programming Languages:** C, C++, Java SE, Java ME, 80x86 Assembly, C#, VB.NET, PHP, VB6
- **Databases Used:** MySQL, Oracle, SQL Server 2005
- **Integrated Development Environments:** Microsoft Visual Studio 2008, NetBeans IDE, Eclipse IDE
- **Graphics Editing:** Adobe Photoshop, Paint.NET
- **Operating Systems:** Windows 9x, XP, Vista, 7, Linux (Fedora and Ubuntu distributions)

Work Experience:

Intern, Tata Consultancy Services, Mumbai

(August 2009 –)

- Configured, developed and tested an intranet web application "**National Health and Safety Portal**" using JSP, which is being scaled for implementation in all branches of TCS India.
- Designed and developed a utility for database backup and migration which was implemented as a module in the Health and Safety Portal.

Projects:

Universal Mobile Device Synchronization

Using: PHP, J2ME, C#

- This system enables users to synchronize their personal information seamlessly across mobile devices and computers irrespective of platform.
- Project developed with Tata Consultancy Services as mentors.

BunkM – Mobile Attendance Manager (<http://www.sanchitkarve.com/projects/bunkm/>)

Using: J2ME, PHP

- This project enables students from Indian Universities to manage their attendance and check if they need to attend additional lectures to fulfil the minimum attendance requirement for their course.
- It also features a backup system where users can upload and download their attendance information on the web server.

J2ME Accelerometer API for Nokia SymbianS60 v9.2 and below

Using: J2ME, Local Sockets

- Accelerometers on Nokia phones running Symbian OS v9.3 or below are not accessible by the J2ME API. This project provides a library for J2ME developers to interface with the accelerometer on such phones. The library is used with Slider's Edge binaries as the server socket.

Academic Achievements and Awards:

- Awarded **third place** for technical paper on "**Reverse Engineering using Application Security**" in Don Bosco Institute of Technology, Mumbai in 2006.
- Selected as **Microsoft Student Partner** for recognition of technical skills in Microsoft development tools.
- Presented a seminar on **Visual Basic** on behalf of **Computer Society of India (CSI)** in Xavier Institute of Engineering, Mumbai.
- **Ranked 2nd** for Computer Programming I course in Computer Engineering and Information Technology branches in XIE.
- **Moderator** since **May 2006** on **dreamincode.net**, a programming and web development forum with over 300,000 members.
- Held posts of **Assistant Technical Secretary** and **Technical Secretary** of XIE in 2007 and 2009.
- Secured **All India Rank 169** in the **4th National Cyber Olympiad** held in 2005-2006.

Extracurricular Activities:

- Active member of Institute of Electrical and Electronics Engineers (IEEE) and Computer Society of India (CSI).
- Winner of English Debates, Extempore speaking and instrumental music competitions held in XIE during 2007-2009.
- Organized C++ and Java Programming Contests in XIE in 2008.
- Promoted to the highest rank of **Troop Leader (3-Starrer)** of **Road Safety Patrol (RSP)** in St. Mary's ICSE School, a social service organization that assists the police with traffic management in India and was awarded the **Mathew Misquita Scholarship for best RSP cadet** in 2004.