

GURDEEP S. GAHIR

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1226 W 30th St. #2 Los Angeles CA 90007

PROFILE:

- One year's work experience as Associate Software Engineer for the Oracle capability at Accenture, developing applications in Oracle 11i (E-Business Suite), Oracle 9i, PL/SQL and Java
- Winner of 'ACE Achievers Award' at Accenture
- Strong programming and design skills

EDUCATION:

- M.S.(Computer Science), University of Southern California Expected: May '11
Coursework: Operating Systems, Web technologies, Database Systems
- B.S.(Information Technology), IP University, India (With Honors; 79% aggregate) Aug '04 – May '08

SKILLS:

- **Programming/Scripting:** C/C++, Java (basic), Perl, SQL, PL/SQL, Matlab, JavaScript, XML, HTML
- **Operating Systems:** Unix, Windows variants, Mac
- **Database:** Oracle 8i, Oracle 9i, Oracle 11i, MySQL
- **Others:** Apache, Tomcat, Eclipse, Rational ClearCase, Rational ClearQuest, Rational Rose, BAAN,

WORK EXPERIENCE:

- **Associate Software Engineer, Accenture** Jul '08 – Jul '09
Worked as an Oracle Applications developer. Job responsibilities included design of business process for clients and Oracle 11i-based applications development.
Projects:
 - ◇ **ERP Finance module development for Tele Denmark Corporation, Denmark** Jul '08 – Jan '09
Developed an ERP Financial Module application using Oracle 11i, XML and Java
 - ◇ **E-Commerce application development for Best Buy Co. Inc, USA** Jan '09 – Jul '09
Developed an e-commerce module for Best Buy Co. Inc. using Oracle 9i, Oracle 11i and Java
- **Intern, Center for Development of Advanced Computing (CDAC), Govt. of India** Jun '07 – Jul '07
Worked in the Embedded Systems and GPS Design division of CDAC. Was an active member of a team applying GPS technology to the public transport system of the city of New Delhi.
- **Intern, National Informatics Centre (NIC), Ministry of Information Technology, Govt. of India** Jun '06 – Jul '06
Worked on NIC's pilot Geographic Information System (GIS). Added two components developed in C++. Components entailed rendering of GIS maps and incorporation spatial data within them.

PROJECTS:

- **RFID Wireless Transaction System, Gemini Communications Ltd.** Jan '08 – May '08
Researched & developed a Radio Frequency Identification (RFID) based Wireless Transaction System. Developed a prototype hardware design and supporting software application using VB.NET & Java.
- **Image-based Cryptography System, Minor Project at MSIT, New Delhi** Aug '07 – Nov '07
Developed a Steganography-based Data Security application using Visual Basic & C++ that implements the Least Significant Bit (LSB) insertion technique for concealing data inside an image.
- **GPS Satellite Receiver Development, Center for Development of Advanced Computing, New Delhi** Summer, 2007
Project entailed the research and development of a GPS C/A-code processing system for CDAC, a Govt. of India technology research organization. System was designed using C#
- **GIS Primer, Website Dev. Project, Ministry of Information Technology, Govt. of India** Summer, 2006
Developed a website for the GIS division of the Government of India. The website is currently being used as a teaching and reference tool by new recruits and current employees at NIC's GIS division.

PAPERS:

- Gurdeep S. Gahir, 'Simple Network Management Protocol (SNMP)', Student Technical Conference, IP Univ., October, 2007.
- Gurdeep S. Gahir, 'Software Engineering Techniques', Research Report at IP University, 2004.