

Roshinder Singh Virdee

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EDUCATION

University of Illinois Chicago
Masters, Management Information Systems
Currently Pursuing

Chicago, Illinois, USA
Aug 2020 – Jan 2022

Ramaiah Institute of Technology (VTU)
Bachelor of Engineering, Electronics & Communication Engineering
CGPA: 3.7/4

Bangalore, Karnataka, India
Aug 2013 – Aug 2017

WORK EXPERIENCE

Mphasis Limited
Software Engineer

Pune, India
Nov 2017 – May 2020

- Provided application and IT services to global clients by developing business logic and back end systems for web applications.
- Designed core service architecture & functional APIs for Sprint-Nextel and T-Mobile Telecom domain projects.
- Develop applications using JAVA, J2EE (EJB, JSF 2.2, Prime faces) following MVC architecture and Agile methodologies.
- Develop web-based functionalities from designing web XHTML pages, handling AJAX event processes following the XHTML-Bean-Service-EJB-DAO architecture and JBOSS web-server.
- Use of automated JENKINS for code migration, UNIX for server bounces, server log level changes, log file extraction
- Do not use personal pronouns; each line should be a phrase rather than full sentence.
- Use JIRA for development task management, ALM for handling tickets in UAT phase and HP ITSM for production issues fixes.
- Work with DBA teams to implement weekly database updates and daily client interactions for task updates and decisions.
- Extensive use of SQL queries to limit transactions to Database and maintain code using Eclipse and SVN with a team of more than 30 developers.

Indian Institute of Science
Project Assistant Intern

Bangalore, India
Aug 2017 – Sept 2017

- Worked with Civil Engineering Department at IISc, with main area of focus & research on Ground Penetrating Radar. [GPR]
- Implemented Image processing algorithms for mapping the subsurface penetration.
- Performed comparative study on resolution vs penetration using different frequencies, limiting the overall effective depth range of GPR investigation.

Bharat Heavy Electricals Limited
Summer Research Intern

Bangalore, India
June 2015 – July 2015

- Trained in Assembly, Systems Testing and Control Equipment Area.
- Worked on SCADA, PADO and Fabrication tools to improve quality services of design tools.
- Conducted analysis on Traction Systems and Semiconductor devices fabrication.

SKILLS

Programming Languages & Databases: Java, Python, C++, R, Node JS, Spring Hibernate, HTML5, CSS, Oracle SQL, SQL Server, JavaScript, MATLAB.

Tools/Frameworks: MS Office, Microsoft Excel, JIRA, Eclipse, SQL Tools, SVN, Putty.

Language: English – Full Professional Proficiency
Hindi – Native/Bilingual proficiency
Punjabi – Native/Bilingual proficiency

ACTIVITIES

National Service Scheme
Event Coordinator

Aug 2013 – July 2015

- NSS is an Indian government sponsored program aimed at empowering society with social service initiatives through engineering students.
- Actively Involved in organizing and participating in Blood donation Camps and awareness campaigns.

Entrepreneurship Development Cell
Student Volunteer

Sept 2014 – Apr 2015

- Participated and Won “Honor Roll” award in E-Week (Asia’s Largest Entrepreneurship event that celebrates the idea of entrepreneurship and promotes its development through series of planned activities and competitions.
- Actively volunteered and conducted various events in college.