GOURAVJEET SINGH

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EDUCATION

Rensselaer Polytechnic Institute, Troy, NY   Dec 2014
M.S. in Information Technology and Web Science   GPA-3.45
Maharshi Dayanand University, Rohtak, Haryana, India   Aug 2010
B.E. in Computer Science and Engineering   GPA-3.40

RELEVANT WORK EXPERIENCE

Infosys Limited, Systems Engineer   Oct 2010-May 2013
Software Developer/Analyst, Client-National Commercial Bank
- Worked in **ITrade**, trading portal based on trading, share marketing and cash management.
- Developed Currency Calculator, Portfolio Holding modules of application using Adobe Flex, Parsley Framework and the SOAP web services in Java/J2EE.
- Analyzed and developed wireframes; collaborated with client teams in other locations to understand discrepancies; created more Data integrated design and guided other developers to incorporate changes.

Software Developer/Data Analyst, Client-Proctor & Gamble, **Financial Shipment Reporting**
- Customized reporting tools to build and design solutions for efficient data analysis.
- Utilized business intelligent reporting tools to extract data from data warehouses.

Rensselaer Polytechnic Institute – Research Assistant   May 2014-Aug 2014
- Developed Geographical Information System (GIS) application named SGIS for School kids to search datasets and to add custom tags to the datasets.
- Consumed our own API that will fetch thousands of map points from PostgreSQL database.
- Developed portal using JavaScript, Angular JS, Google Maps, Bootstrap framework.

Rensselaer Polytechnic Institute- Graduate Teaching Assistant
Mathematics Department –Calculus-II- Tutored as a TA for over 130 students.   Aug 2014-Present
- Computer Science Department- Software Design And Documentation   Jan 2014-May 2014
  - Organized code reviews and Development features reviews for over 20 teams.

RELEVANT PROJECTS

Urban Sprawl Assessment Portal, Tetherless World Constellation (TWC)   Jan 2014- May 2014

- Developed Application using JavaScript and Semantic Web Technology that identified and analyzed the pattern of urban expansion over Counties in New York State.
- Gathered and analyzed requirements, collected and cleaned data, created project plans, carried out cost-benefit analysis, participated in design and chaired meetings.

Lolscribe, **a Statistical Tracker** for **League of Legends** using C++ to fetch data from Mash up API.   Aug 2013- Dec 2013
Bash like Shell project in C and Process management simulation system in Java

RELATED COURSEWORK

IT Capstone, Software Design and Documentation, Operating System, Database System, Algorithms, Data Structures.

PUBLICATIONS

Aayush Chhabra, Gouravjeet Singh, Srishti Mathur: Vertex Sequence Independent Approach for Graph Coloring. International Journal of emerging research in Management and Technology, ISSN: 2278-9359 (Volume – 3, Issue – 8)

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, C++, C, HTML5, Actionscript
Web Frameworks: Angular JS, Jasmine, Adobe Flex
Databases: MySQL, PostgreSQL
Technologies: JSP, Servlets, RDF, Google Maps, J2EE, JPA, JavaBeans
Tools: Microsoft Visio, Grunt, Bower, Yeoman Generator, Virtual Source Safe (VSS), Adobe Flash Builder

EXTRA-CURRICULAR

- Member, Gamma Nu Eta Honor Society,RPI
- Founding Member, CrossRoads, Gurgaon,India
- IT Representative, School of Science Council, RPI
- Vice President-Public Relation, Toastmasters, 2012