SANIL JAIN

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EDUCATION

Northeastern University, Boston, MA
College of Computer and Information Science, **GPA: 4.0/4.0**   Sept. 2015-present
Candidate for a Master of Science in Computer Science   Expected graduation: Dec. 2017
Relevant Courses: Programming Design Paradigm, Database Management Systems, Algorithms, Web Development
Projects: **Racket (Scheme/Lisp Family) Projects**
- o   Implemented graph search problems, interactive graphics, inventory management and MVC framework through various features of Scheme including abstraction, inheritance and recursion using Dr.Racket

  Wild-life Tracking using Spatial Databases
- o   Developed a system that stores, retrieves and analyzes wildlife tracking GPS data using PostGreSQL
- o   Implemented efficient multidimensional querying system in Java and front end using PrimeFaces

  Carpool App & Form Maker
- o   Developing mobile first, MEAN stack framework based application for finding cheap carpools in a city using Google Maps API and a form maker application that helps to create and edit HTML based forms.

Rajiv Gandhi Technical University, Bhopal**,** India
Medi-Caps Institute of Technology and Management
Bachelor of Engineering in Computer Science, GPA: 8.02/10.0   June 2015
Relevant Courses: Data Structures, Analysis and Design of Algorithms, Cloud Computing, Data Mining
Projects: **e-Library**
- o   Introduced mobile first (responsive) web application for managing electronic content such as e-books.
- o   Implemented design patterns such as MVC and DAO in Java EE and used MySQL as backend.

  Online Bidding System (e-Commerce Web Portal)
- o   Developed web site for purchasing/selling/bidding/ materials and goods in Java EE and MySQL
- o   Implemented n-tier architecture and features like internet marketing, consumer reviews and ratings

TECHNICAL KNOWLEDGE

Languages/ **Frameworks:**	C++ | Java | Java EE (Servlet/JSP) | Spring | Hibernate | Racket (Lisp/Scheme family) Salesforce (Apex, Visualforce and Salesforce Admin)
Databases:	Oracle | MySQL | PostgreSQL | NoSQL (MongoDB) | MS Excel
Web Technologies:	jQuery | Node.js | AngularJS | Express | JavaScript | HTML5 | CSS3 | Bootstrap | AJAX
Software Tools:	Rational Software Architect | NetBeans | Eclipse | Web Storm | Dr.Racket | Dev C++

RELEVANT EXPERIENCE

Quest Global Technologies, Indore, India   Dec. 2014 - May 2015
Salesforce Developer Intern
- o   Analyzed SMAC model and introduced a CRM design for real estate business in Salesforce environment
- o   Expanded data analysis feature by implementing mining algorithms, graphical reports and dashboards
- o   Introduced a system that doubles lead tracking probability, hence increasing the lead conversion rate by 60%

ProDev IT Solutions Indore, India   Oct. 2013 – Sept. 2014
Java Developer Intern
- o   Worked extensively in Software Development Life Cycle (SDLC) like system analysis, design, coding as a part of different teams for developing several components of web applications using Java EE, HTML5, CSS3, JQuery, JS
- o   Worked as a member of team of four on a production module of an ERP application using Spring Hibernate

ACTIVITIES/INTERESTS

Director External Affairs: Indore Model United Nation 2014, Volunteer: Art of Living, Member: Computer Society of India