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| **ABHISHEK HARISH RATTIHALLI**  (980) 267-4243 - [arattiha@uncc.edu](mailto:arattiha@uncc.edu) - [abhishek-rattihalli.me](http://abhishek-rattihalli.me) - [linkedin.com/in/rhabhishek](http://www.linkedin.com/in/rhabhishek) | | | |
| skills | | | |
|  | Web Technologies - JavaScript, jQuery, AngularJS, NodeJS, ReactJS, HTML, CSS, JSP, Servlets, REST, Bootstrap  Languages – Java/J2EE, C#, Python  Tools – Eclipse, IBM RAD, IBM DB2, Microsoft Visual Studio, Unity  Databases - Oracle, IBM DB2, MySQL  Methodologies – Agile/Scrum, XP, Waterfall | | |
| Experience | | | |
|  | | Full Stack Developer – International ThermodyneAnalyze the application written in SQL for pit falls and improve efficiencyUse front end technologies (JavaScript, NodeJS, AngularJS, ReactJS) to give a new design to the applicationRewrite the architecture for implementation in JAVAImplement the application using JAVAPerform data analysis to improve user detection and presence declaration  * Technologies: AngularJS, NodeJS, AJAX, JavaScript, HTML/CSS, JAVA/J2EE, JSP, MySQL. | Oct 2016 – Dec 2016 |
|  | | Java Full Stack Developer – Tata Consultancy Services | Jan 2014 – July 2016 |
|  | | Technology Enabled Business Transformation (TEBT) project – Banking & Financial Services   * Designed a configurable solution to reduce the timeline from 3 weeks to 5 minutes. * Responsible for requirement collection, analysis, design, implementation, unit testing and maintenance of the products. * Received the award “Young Turk” for being reliable and going the extra mile. * Lead a team of 6 associates to successfully deliver multiple products. * Received the prestigious award “ILP – Kudos” for outstanding performance during the Initial Learning Program (ILP). * Technologies: AngularJS, NodeJS, AJAX, JavaScript, HTML/CSS, JAVA/J2EE, JSP, Spring, Oracle. | |
| Education | | | |
| |  |  | | --- | --- | | University of North Carolina at Charlotte | Aug 2016 – Dec 2017 | | Master of Science - Computer Science | GPA: 3.7 | | Subjects: Algorithms & Data Structures, Software System Development & Implementation, Intelligent Systems, Recommender Systems, AI for Game Design, Survey of Programming Languages, Virtual Reality, Computer Graphics | | | Visvesvaraya Technological University, Belgaum, India | Aug 2009 – July 2013 | | Bachelor of Engineering - Computer Science | GPA: 4.0 |  |  | | --- | | CERTIFICATIONS |  * IBM Certified Associate Developer - Rational Application Developer for WebSphere Software V6.0 * IBM Certified Academic Associate - DB2 9 Fundamentals and Application Fundamentals * Lynda.com - Learn React.js: The Basics (2015) | | | |
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| ACADEMIC Projects | | | |

* Recommendation system for Book Crossing Dataset using different recommendation algorithms implemented in Python.
* Deduction of subjective remarks to statistical equivalence by sentiment analysis – Learning algorithms built on Python.
* Visualization of Robot Navigation using Real-time A\* algorithm built using JavaScript.
* Duke MyChart: Simplified Radiology Reports – NLP based application built on Python (Hack Duke 2016).
* Defect Tracker – Web based tool to track bug fixes during software development built using AngularJS, Java/J2EE, JSP, Servlets, HTML/CSS, MySQL.
* Online Retail System - Web based portal for a retail store to manage online sales and inventory management built using AJAX, jQuery, JavaScript, HTML/CSS, Java/J2EE, JSP, Servlets, Hibernate, Oracle.
* Highly Confidential Security System - Web based tool for storing personal files on cloud using a security algorithm built using AJAX, jQuery, JavaScript, HTML/CSS, Java/J2EE, JSP, Servlets, IBM DB2.
* Paperless Hospital Service - Web based tool for managing activities in a hospital built using AJAX, jQuery, JavaScript, HTML/CSS, Java/J2EE, JSP, Servlets, IBM DB2.
* Augmented Reality for Children’s Museum – AR Research to improve learning experience for children in a museum in association with College of Architecture, UNCC and VisCenter, UNCC.
* Virtual reality First Person Shooter game for Oculus Rift with Razer Hydra built using C# on Unity.
* 3D visualization of volumetric brain scan report – Tool built on C++ and Open Scene Graph Library.