

# ABHISHEK HARISH RATTIHALLI

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## 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

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## EXPERIENCE

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### Full Stack Developer – International Thermodyne

Oct 2016 – Dec 2016

- Analyze the application written in SQL for pit falls and improve efficiency
  - Use front end technologies (JavaScript, NodeJS, AngularJS, ReactJS) to give a new design to the application
  - Rewrite the architecture for implementation in JAVA
  - Implement the application using JAVA
  - Perform data analysis to improve user detection and presence declaration
  - Technologies: AngularJS, NodeJS, AJAX, JavaScript, HTML/CSS, JAVA/J2EE, JSP, MySQL.
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### 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.
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## EDUCATION

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### 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

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## CERTIFICATIONS

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- 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

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- 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.