

Summary

- Software Engineer with over 4.5 years professional IT experience and graduated masters in computers with 4 GPA winning Dean's Appreciation.
- Strong background in developing web and e-commerce application using Java/JEE, HTML5, JavaScript, CSS3, Python, C++ and other related technologies.
- Experience in building Start up Projects from Scratch in the field of Data Integration and Data Analytics.
- Strong Academic and self practical experience on Hadoop, Scala and Spark in the field of Data analytics.
- Excellent understand of the industry leading software methodologies such as Waterfall, Scrum and Agile.
- Strong programming, analytical and problem solving skills.
- Excellent mentoring skills and team leadership qualities that result in the achievement of milestones.
- Strong communication and interpersonal skills.
- Experience in managing the projects using SVN and GIT hub version control management.
- Strong Object-Oriented Programming Concepts OOPS with OOP methodologies and Design skills.

Software Skills:

Programming Languages: Java, C++, SCALA

Libraries & Frameworks – JEE ,SPARK, Ionic ,Restful, analytics, Spring, Hibernate, Mave

Scripting Languages : PHP, Python, HTML5, CSS3, JavaScript, JQuery, XML, JSON

Operating Systems: Linux, Windows 07, 08, UNIX

Others:, Linux Editor, MS Office, UML, Rational Rose, Net Bean, Eclipse, SVN

Databases Technologies: Hadoop, MongoDB, Hive , MySQL, MS SQL Server, Big Data

Education:

Masters of Science in Computer Science

Buchtel College of Arts and Sciences, University of Akron, OH

GPA - 4.0 out of 4.0

Bachelors of Technology in Computer Science

IIIT Hyderabad, India.

GPA - 3.5 out of 4.0

Publications and achievements:

- Published IEEE Research Paper on Trackship Application and Presented at *The 2014 International Conference on Semantic Web and Web Services*, Las Vegas city, Nevada
- Certified with Oracle Java 8 certification.
- Participated and solved coding challenges at ACM Coding Competitions in 2013, 2014
- Created a mobile application to track homeless people at the JP Morgan Chase "Code for Good" challenge.

Work Experience:

Software Developer, ZL Technologies, San Jose, Ca

Aug, 2014 – Currently

- Developed cutting edge features like NLP Parsers for log summaries, Emails, IM chats etc., using Java and Apache Open source libraries like Lucene and Commons .
- Worked with Public APIs like Google Drive API, Twitter API for discovering and archiving user information.
- Have practical experience on understanding the Zookeeper and configuring it for to manage several clusters using Master follower relations.
- Developed automated tools for Wells Fargo Client using Java and JSP that do complete environment migration from ZL 7.0 to ZL 8.0 builds which saved hundreds of manual labor hours in migrating the database with high level precision.
- Used Apache POI, Maven, ANT, Itext PDF libraries in building text generation features for ZL technologies.
- Understood the power ranking algorithms used in the Data Analytics from context machine learning prediction with the archived mails.

Technical Lead and Founder , TrackShip Application

Feb, 2014 – August, 2014

Developed Mobile Application called “Trackship” – A Customer service application in integrate multiple shipment services for tracking, locating and comparing shipment prices between multiple shipping services.

Published IEEE Research Paper on Trackship Application and Presented at *The 2014 International Conference on Semantic Web and Web Services*, Las Vegas city, Nevada

Engineering Intern, Thomson Reuters Company, Greater New York City June – Sep 2013

T2 Mobile Web software Application – Developed framework features and added mobile web software application functional and responsiveness across various devices like iPad, Nexus, Samsung and Windows’ Surface.

- Worked with Core Development Team on T2 mobile web application using HTML5, CSS3, Javascript, AngularJS and SVN
- Actively Participated daily scrum meetings with onsite and offshore teams to share my ideas and discuss about the feasibility of requirements and features to add.
- Worked on NoSQL databases like MongoDB and Neo4j for to efficiently retrieve the data in real time by Formulating queries and configuring the databases.
- Proud to be the member of release team in successfully moving product into deployment and rolling out version 1.0.0 as initial release to customers supporting.
- Appreciated by Vice President of Thomson Reuters for my performance and been called as Front End Guru

Senior Software Engineer, Rockwell Collins, India**May 2009- Aug 2012**

Involved in the design and development of Flight management System (FMS) software for Boeing in Java
Led a team of 15 to verify and validate the ICPF software v6.5.
Worked on actual target machine and shared my expertise to colleagues by visiting Head Quarters at Cedar Rapids, Iowa, USA

Graduate Assistant, University of Akron:**Dec 2012 – July 2014**

Developed YouTube Insights Data collection tool for analyzing Movie trailers by collecting Big data and to predict the success or failure of the movie depending on the sentiment analysis of comments, views, likes etc.

Technologies used: HTML5, CSS3, MongoDB, Python, JavaScript, YouTube API, XML.

Social Network Prediction Model using Graph theory Research Paper:

Researched on Using relationships between friends and Communities, to predict the involvement in Facebook community pages using graph theory database..

Technologies used: MongoDB, PHP, JSP, Facebook SDK API, XML

Processing IDS Dataset with Hadoop Map Reduce:

Installed and configured Hadoop platform with IDS dataset stored on HDFS and implemented Map Reduce Jobs for inversion index, attack type distribution and analyzing the network protocols that are most vulnerable through processing Historical data.

Technologies used: Hadoop, Map Reduce Java, HDFS, UNIX.

• Graduate level - The University Of Akron:

- o Project – Developing Big Data Hadoop services using YouTube insights datasets
- o Calculator – Developed Calculator following BODMAS rules of precedence in C#
- o Project - Developed Image Segmentation tool separating foreground image from background image in greyscale image using Java and GUI interface
- o Project – Developed Dijkstra's Algorithm in C++ with high performance review
- o Project – Written SQL Injection Attacks, Research paper on SQL Injection Attacks using Amnesia, SQLMap tools

IIT Hyderabad, India.

- Research project on 'symmetric key protocols for key distribution in p2p networks' for secure key sharing among peers..
- Designed and developed commercial shopping website for Ratan Marbles.
- Developed online quiz application as part of Building Science Course Project
- Designed and developed web application for our college system admin to manage all requests of students and faculty