# IMRAN BIJAPURI

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## SUMMARY

**Four year experienced full stack developer with expertise in JAVA, JavaScript and MySQL**. Passionate about agile software programming practices through communication & problem solving attitude. Available to join from **2/15/2015**.

## EDUCATION

*University at Buffalo, The State University of New York – (2015)*
Master of Science in Computer Science and Engineering - (GPA 3.6)
*Mumbai University - Mumbai, India – (2010)*
Bachelor of Engineering in Information Technology. - (GPA 3.6)

## SKILLS

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| Languages | Java, JavaScript, C, C++, SQL, HTML, CSS, Jquery. |
| Technologies | J2EE, MySQL, XML, JSON, AJAX, Web Services (REST API), AngularJS, Spring MVC. |
| Others | Apache Tomcat, JBoss, Jersey (JAX-RS). |
| Tools | NetBeans, Eclipse, Putty, AWS, EC2, Maven, Tortoise SVN, Git, Linux. |

## PROFESSIONAL EXPERIENCE

*CBS Interactive, New Jersey - Software Engineering Intern - (Summer 2015)*
- Developed a logging tool, to keep track of publisher video uploading activity. Created a graphical chart using HighChart to showcase server usage starting from video uploading to encoding. Implemented a HTML5 video player using videojs to enable playback of various codecs while adding quality maintenance, managing fallback to Flash & cross browser compatibilities.

*Audiencelogy LLC, India - Senior Software Developer - (July-2010 to July-2014)*
- Worked on implementing Real Time Bidding (RTB), a relatively new cutting-edge technology that allows online advertising to be purchased & served dynamically on the fly. Designed the core ad serving business logic using JAVA multi-threaded programs to facilitate & maintain processing of thousands of incoming HTTP ad requests per second.
- Worked on developing an Ad serving product for client which primarily targeted Mobile applications based on geo location and operating system. Also wrote algorithms to balance advertiser spend on Mobile application and site.
- Developed REST API services to provide backend processes for Newsletter application. Responsible for deployment on JBOSS server. Facilitated customization of systems by adopting emerging standards for development architecture.
- Developed user interfaces using JSP, JavaScript, HTML, AJAX and CSS. Implemented customizable graphical reports using JSCharts. Developed an application wide JavaScript validation library providing cross browser compatibility.

## RELATED PROJECTS

*Amazon Dynamo*
- Created a simplified version of Amazon's Dynamo – A Highly Available Key-value specification. Implemented Partitioning, Quorum Replication & Failure Handling such that availability & linearizability is provided.

*Alarm Manager for Real Time Android*
- A real time scoped memory implementation of android alarm manager for a real time android to provide real time alarm guarantees for registering alarms & using scoped memory to improve garbage collection performance.

*Data Center Outages*
- An application to estimate the cost impact of cloud data center on a company generated using LinkedIn API.

*Distributed Hash Table (CHORD)*
- Implemented distributed hash table across multiple android emulators. Implemented ID space partitioning/re-partitioning, Ring-based routing to support the key-value storage according to the CHORD's distributed architecture.

*Search Engine using Apache Solr*
- Developed a search engine using Solr, an open source enterprise search platform which provides full-text search, faceted search, real-time indexing and database integration.

## RELEVANT ACADEMIC ACTIVITIES

- Created a single page app ( http://imranbijapuri.github.io/public_html/pages/index.html#/ ) using AngularJS showcasing Footballing events across the globe.
- My Github Page - https://github.com/ImranBijapuri