Akash Kumar Srivastava

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EDUCATION

Master of Science, Computer Science   *Sept 2014 - Present*
Northeastern University, Boston, MA   *GPA: 3.8*
College of Computer and Information Science   *Expected Graduation: Aug 2016*

Bachelor of Technology, Computer Science   *Aug 2007 – June 2011*
Jaypee University of Engineering & Technology, India

TECHNICAL SKILLS

Programming Languages : Java(1.6 – 1.8), Python, JavaScript, Shell Scripting, Racket (Lisp/Scheme)
Web Technologies   : AngularJS, NodeJS, Servlets, JSP, Ajax, JQuery, HTML5/CSS3, Less
SQL / NoSQL Databases : MongoDB, MySQL, SQL Server, Oracle 10g
Cloud Technologies   : Amazon EC2, Amazon RDS, Amazon Redshift
Big Data Ecosystem   : Hadoop, MapReduce, Hive
Tools   : Maven, JBoss, Weblogic, Apache Tomcat, Mongoose, Jenkins, Git , Svn
Certification   : Sun Certified Programmer for Java 2 platform standard edition 6 (SCJP 1.6 with 95%)

PROFFESIONAL EXPERIENCE

Massachusetts Bay Transportation Authority   *May 2016 – Present*
  Master's Project, Boston, MA
- **Efficiency Improvement:** Developing enterprise level solution using cloud technologies from distributed sources of fare vending machine across Boston region to find discrepancies which will help MBTA save millions each year

HealthEdge   *May 2015 – Dec 2015*
  Software Developer Co-op, Burlington, MA
- **Realtime Monitoring:** Designed and developed dashboard for process-monitoring, data visualization, reporting and workflow management of the project in Angular JS, Node JS and Socket.io using Restful API
- **Defect Tracker:** Automated the creation of JIRA/Salesforce tickets by consuming their endpoint API's while parsing exception in production log files with possible resolution based on previous Elasticsearch indexes

Accenture Services Pvt. Ltd.
  Software Engineer, Chennai, India   *Aug 2011 - April 2014*
- **Application Development:** Gathered client requirement, performed impact & value analysis and implemented the required solution using Java, Siebel configuration, Scripting, EIM, and JavaScript using various design patterns
- **Parallel Processing:** Modified legacy sequential code with parallel processing using multi-threading allowing processing of requests and responses simultaneously reducing response time by 25%
- **User interface:** Enhanced user experience of legacy client websites using bootstrap for responsive design
- **Web Services**: Coded user facing client interfaces and implemented classes to consume web services
- **Documentation:** Prepared low level documents and developed JUnit test cases for the concern requirement
- **Product Shipping:** Successfully deployed multiple releases throughout the year in the production environment as a part of major and minor enhancements in a fast-paced, dynamic agile environment with aggressive delivery dates

ACADEMIC PROJECTS

Social Mashup (*Mongo DB, Express JS, Angular JS, Node JS, Passport JS*)   *Jan 2016 – April 2016*
- Created responsive web application featuring trending content fetched via Facebook, Twitter, Google Restful API
- Implemented authentication strategies, caching, error handling, promises for seamless interactive user experience

Web Crawler *(Java, Elasticsearch, JavaScript, HTML)*   *Jan 2015 – April 2015*
- Implemented a topical web crawler in Java to crawl and index HTML pages to the Elasticsearch server
- Successfully worked through entire design cycle from analysis to development of test suites for better result

ACHEIVEMENTS

- Received the rising star award in FY14 at Accenture for integrating activities involving four different applications into one using Java, JavaScript, Shell Scripting and SQL to reduce the turnaround time by 40%
- Received the prestigious stellar award in FY12 at Accenture, for automating 19 out of 26 reference data items
- Got Second rank in Java quiz organized by Computer Society of India among 10,000+ participants