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SUMMARY	<ul style="list-style-type: none"> Pursuing M.S. in Computer Science at University of North Texas with specialization in software engineering, data mining, and machine learning Highly accomplished Java developer with expertise in object-oriented analysis and design concepts Deep understanding of multiple programming languages, including, core and advance Java, Python, JavaScript, MATLAB, C, C++, HTML, XML, JavaScript Diverse experience in applying Java tools in a web and client server environment, including, Java platform, Java Server Pages (JSP), Java Servlets, Java Database Connectivity, Spring and Hibernate Strong understanding of Data Structures, Time vs. Space complexity, and Scalability Experience in applying SDLC (Software Development Lifecycle) methodologies, e.g., Agile, Waterfall Ability to advance development processes by incorporating Continuous Automation and Integration Adept at documenting technical and functional requirements for software development Ability to think “outside the box” to draw innovative solutions to the problem Ability to work effectively under pressure and meet project deadlines in both individual- and team-setting environments 		
TECHNICAL SKILLS	<ul style="list-style-type: none"> Languages: Java, JavaScript, JavaBeans, JSP, SQL, C, C++, XML, Python, HTML, MATLAB Frameworks: JSF, J2EE, Apache Spring, Apache Hibernate, Node.js, Angular js API's: Servlets, HTTP, JNDI, JDO Tools: Eclipse, Gradle, JavaDoc, JUnit Servers: WebSphere (WAS), JES Database: MongoDB, MySQL 		
EDUCATION	<p><i>University of North Texas, Denton, TX</i></p> <p>M.S. with Thesis in Computer Science (CGPA 3.6/4.0) May 2018</p> <p>Relevant coursework: Programming Languages, Database, Secure Software Systems, Computer Security, Pattern Recognition, Natural Language Processing, Cryptography, Machine Learning</p> <p><i>Aurora's Engineering College, Hyderabad, India</i></p> <p>Bachelor of Technology (B. Tech.) in Computer Science (CGPA 7.01/10.00) June 2015</p>		
INDUSTRY EXPERIENCE	<p><i>Amazon India Ltd., Hyderabad, India</i> (Technical Associate) Dec 2015 – Feb 2016</p> <ul style="list-style-type: none"> Resolved technical issues related to Amazon Kindle, e.g., database errors and technical troubleshooting Reduced customer waiting times by 25%, resulting in overall improved customer satisfaction Achieved the benchmark Customer Negative Response Rate (CNRR) of less than 5% Collaborated with different teams in achieving higher customer satisfaction Worked in the development process of Kindle Rate Monitoring System <p><i>Multi Centric Solutions Pvt. Ltd., Hyderabad, India</i> (Java Developer) March 2014 – June 2014</p> <ul style="list-style-type: none"> Team leader in a project utilizing Java, Java Server Pages, HTML, Java Script to create a fully-functional web application for client's financial management Worked on all stages of design, development, and deployment of this web application Worked with a third party vendor to ensure website transactions are done securely and effectively 		

- Developed key functions that played important role in enhancing client-report tracking and generation; reducing time delay and tracking analysis by 30%
- Implemented thread-safe and data integrity functions for database and transactions
- Responsible for adhering to the Agile structure during process development
- Worked in a team of 5 co-workers, and ensured completion on time and within budget

Bharat Electronics Ltd. (BEL), Hyderabad, India (Java Developer)

Jan 2014 – March 2014

- Responsible for development, testing, and implementation of a LAN-based Messenger for high-speed communication and transfer of different data formats for the employees
- Assisted in design and development of high-rate data transfer through network, and also enabled user-account customization
- Developed key functions, including, Authentication, Safe Defaults, Database Management Synchronized Bit Transfers, which resulted in the increase of data transfer rate by 35%

ACADEMIC PROJECTS

University of North Texas, Denton, TX (Graduate Assistant)

Fall 2016 – present

- *Project 1:* Currently working on developing a research code to perform image classification. The first algorithm in this code uses segmentation model to identify the object in the image, and the second algorithm classifies the identified object using its corresponding LIDAR (Light Detection and Ranging) data. Applications of this research include weather forecasting, and identifying changes in the land surface over time
- *Project 2:* Developed an enterprise application for Customer Relationship Management System to manage customer information and its attributes. The application is built on Spring and Hibernate Framework and is responsible for the following operations – storage and retrieval of customer information, adding and deleting a customer, and searching for a specific customer. The application runs on Apache Tomcat Server and can also be easily configured to other servers. In brief, when a dispatcher triggers a specific functionality in the Controller class, it forwards the request to corresponding mapped class, and the results are returned back to the application. Tools/Programming Language: XML, JSP, Eclipse IDE, MySQL Workbench, JPA and AOP
- *Project 3:* Implemented Brill's Tagger algorithm in Python to assign part-of-speech (POS) tags to testing corpus using a trained model collected from a hand-written corpus. Achieved an accuracy of 97% in testing phase and demonstrated error minimization in POS tagging
- *Project 4:* Implemented C4.5 algorithm in MATLAB to generate a decision tree to identify fraud credit cards from a credit card data set. Minimized false positives and false negatives
- *Project 5:* Automated two day-to-day activities using UiPath RPA – (a) mail-check process in Gmail to read top 10 messages, and, (b) account-review process on an online banking portal to check for account balance

Aurora's Engineering College, Hyderabad, India

Spring 2015

- Implemented Market Basket Analysis in Java to identify affinity between products thereby assisting convenience stores in making informed decisions about product marketing, stock planning, and layout

CERTIFICATIONS

- Certified Advance Java developer from Udemy
- Certified Spring and Hibernate developer from Udemy
- Certified JDBC developer from Udemy
- Certified Amazon Web Services (AWS) developer from Udemy
- Certified Advance Ethical Hacker from Udemy
- Certified Automation Developer from UiPath
- Certified Web application developer using Node.js
- Certified Angular js Developer
- Certified MEAN Stack Developer