Rajeshwari Deepak Chandratre

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EDUCATION

Master's in Computer Science, San Jose State University, CA, USA, GPA: 3.93 *May 2020*
Bachelor's in Computer Engineering, University of Pune, India, GPA: 3.8 *May 2015*

Related Coursework: Data Structures, Design and Analysis of Algorithms, Object Oriented Programming, Cloud Computing, Relational Database Management System, NoSQL Databases, Computer Networks, Operating Systems, Software Architecture

TECHNICAL SKILLS

Languages: Java, Python, SQL, C, C++, HTML5, JavaScript
Databases: SQL: Oracle, PostgreSQL, MySQL; NoSQL: MongoDB, Cassandra, DynamoDB
Technologies: J2EE, AWS, RESTful Web Services, Microservices, JPA, XML, JSON, Agile, Scrum, VMware
AWS Services: Elastic Load Balancer, Autoscaling, CloudWatch, Lambda, RDS, EC2, S3, API Gateway, Cognito
Tools and Software: Git, CI/CD, Jira, Kubernetes, Docker, Eclipse, Maven, Jenkins, Confluence, Log4j
Frameworks: MVC, Hibernate, Spring MVC, Spring Boot, JUnit

WORK EXPERIENCE

Software Developer Intern, *Viome Inc.| Santa Clara, CA, USA* *Jun 2019 - Nov 2019*

- Designed and implemented a web application using Java 8 and Spring Data JPA to invent feasible solution for improving product's turn-around time by gathering requirements from various teams
- Developed a generic event logging API using RESTful webservices to identify bottlenecks in the product pipeline. This helped reduce turn-around time of product by 25% from 20 days to 15
- Optimized and fine-tuned this API into a real-time tracking system by leveraging AWS services - CloudWatch, Lambda, RDS which enabled detailed level analysis of on-going events in the workflow pipeline
- Built an Email and Slack Channel Crawler to extract useful data from human communication. Standardized its format by aggregating data in a central repository using PostgreSQL Foreign Data Wrappers

Software Developer Engineer, *Cybage | Pune, MH, India* *Oct 2015 - Jul 2018*

- Developed and unit tested web APIs by following Service Oriented Architecture, using J2EE, JDBC, SQL, and Junit
- Designed and implemented RESTful web services using AWS and JPA to build a cross-platform e-learning application with features to search, download, render, and email XML based content
- Created a game module using Spring Boot, Hibernate, and Oracle DB. Developed REST APIs to build game rules and categories for the user to win awards. Implemented "Challenge your friends" functionality in the game module
- Performed encryption, decryption of web-based data using Java libraries which enhanced application data security and connectivity for schools in remote areas with little or no internet access.
- Designed an XSLT parser to parse web-based structured data to troubleshoot the bugs and enhance the presentation of structured data on the front-end

ACADEMIC PROJECTS

Cloud Based Image Sharing Platform *(Java, JavaScript, AWS, SQL)* *Mar 2019 - May 2019*

- Designed and implemented a distributed, scalable, fault tolerant and highly available cloud-based web application using 7 different services provided by AWS to ensure sharing, searching and availability of images for personal use

Classification of Toxic Comments on Social Media *(Python)* *Oct 2018 - Dec 2018*

- Built a multi-label machine learning model to identify various categories of toxic comments posted on social media by applying NLP and algorithms such as SVM, KNN, LSTM which had an average accuracy of 90%

Detection of Malicious Applications in Smart Phone *(Java, Android)* *Jan 2015 - May 2015*

- Created an android application using Permission Based Retrieval to compute the maliciousness of the android applications which identified around 20 new potential malicious applications in Android 4.0s