

## **EDUCATION**

### **Northeastern University, Boston, MA**

Master of Science in Information Systems, **GPA: 3.85**

*Expected May 2021*

Relevant courses: Web Development Tools & Methods, Data Science Tools & Methods, Program Structures & Algorithms

### **University of Mumbai, Mumbai, MH, India**

Bachelor of Computer Engineering

*May 2018*

Relevant courses: Artificial Intelligence, Machine Learning, Object-Oriented Java Programming, Data Warehousing & Data Mining

## **TECHNICAL SKILLS**

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| <b>Certifications</b>                  | : Oracle Certified Professional Java Programmer 6  |
| <b>Programming Languages</b>           | : Java, Python, R, C, C#   |
| <b>Web &amp; Database Technologies</b> | : MySQL, MongoDB, PostgreSQL, HTML, CSS, JSP/Servlet, JavaScript, NodeJS, XML, JSON  |
| <b>Server &amp; Version Control</b>    | : Oracle Weblogic, Apache Tomcat, GitHub, Tortoise SVN, BitBucket  |
| <b>Frameworks &amp; Cloud Services</b> | : Java EE Spring MVC, Hibernate, Spring Boot, GCP, AWS, Docker, Kubernetes, Jenkins  |
| <b>Application Tools &amp; OS</b>      | : SQL Server 2014, Windows, Linux/Unix, Oracle (SQL Developer), Gradle, Redis, Jira, JUnit<br>ELK Stack, Oracle Fusion Middleware, Eclipse, NetBeans, Postman, SoapUI, Log4j |

## **WORK EXPERIENCE**

### **Jr. Software Developer, CAPIOT Software Pvt. Ltd. Mumbai, India**

*September 2018 - June 2019*

- Collaborated with the team Supplier Integration and the team Booking Engine for the client in travelling sector
- Gathered client requirements and developed efficient transformation files XSL, XML, Java and JSON for integration
- Extracted the API data within 8 seconds thereby increasing the overall performance and efficiency by 95%
- Contributed in multi-tiered J2EE design using Spring MVC and REST Web services deployed on Oracle Weblogic Server connecting to Oracle 11g database

### **Intern, HPCL, Mumbai, India**

*June 2016 - July 2016*

- Designed a database mail system for internal organization to send “Quote of the Day” in Hindi using Cursor for-loops
- Developed efficient queries, triggers and functions in PL-SQL to send an email to the entire department on a daily basis

## **ACADEMIC PROJECTS**

### **Pharma Alliance EcoSystem Management**

*September 2019 - December 2019*

- Implemented the EcoSystem model using **NetBeans IDE** to solve real-world pharmacy issues
- Integrated **NodeJS** to check the authenticity of medicine suppliers and manufacturers to avoid conflicts
- Provided transparency of price distribution across the entire network of patients, chemists, suppliers, and manufacturers
- Logged all errors and current execution state of the program using **Log4j**

### **Natural Language Processing algorithms on Harry Potter Series (1-7)**

*September 2019 - November 2019*

- Performed **NLP** and **Text Mining** algorithms on Harry Potter Book Series stored in text files
- Extracted the most frequently occurring words, feature importance of different words, stemming and lemmatization
- Displayed word2Vec, word frequency, word cloud with image imposition and summary of each chapter
- Estimated the character relationships from casting roles and performed **sentimental** analysis on each series

### **Online Video Streaming using AWS Cloud**

*January 2018 - April 2018*

- Developed an Online Video Player website hosted using Firebase
- Integrated **AWS S3** bucket to store and stream user-uploaded videos from the cloud

### **Identification, Analysis, and Prediction of Urban Waterlogged Areas**

*August 2017 - April 2018*

- Integrated the system using **Google Cloud Platform** and ultrasonic sensors to detect the height level during waterlogging
- Designed an **online website** to display the waterlogged regions across Mumbai along with the color-coding
- Analyzed the **severity** of waterlogging in different areas and notified the local body to mitigate it
- Predicted waterlogged areas based on the data which was collected from the **sensors** installed in areas across Mumbai

## **PUBLICATIONS**

- “Identification, Analysis, and Prediction of Urban Waterlogged Areas” in IEEE December 2019
- “Identification of Urban Waterlogged Areas along with its Prediction” in IJRASET Vol 6 IV in April 2018