AISHWARYA RATH

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EDUCATION
Master of Science: Computer Science, University at Buffalo, The State University of New York   **Aug 2021 - Dec 2022**
Bachelor of Engineering: Electrical Engineering, KIIT University, India   **Jul 2012 - Apr 2016**

SKILLS & TOOLS
Languages: Java, Python, JavaScript, HTML, CSS
Data Management & Analytics: PI/SQL, MySQL, NoSQL, PostgreSQL, CockroachDB
Web Development: AWS EC2(RDS), Spring Boot, Hibernate, Spring Data JPA, Apache Maven, Gradle, New Relic, JUnit, Mockito, JSON, JSP, AJAX, GCP
Tools: Git, Postman, Docker, Jenkins, WebLogic, Kubernetes

WORK EXPERIENCE
Staff Consultant, Oracle Financial Services Software Limited, India   **Feb 2020 – Jul 2021**
- Introduced bulk upload module for customer account creation using Java, PI/SQL and hibernate framework leading to 100 percent automation.
- Modelled bulk upload module for loan amount remittance built with Python automating loan specific account maintenance with 0 human intervention.
- Augmented core banking screens for National Electronic Fund Transfer to ease customer experience with prefilled fields by taking customer account number and date of birth as criteria.

Senior Software Engineer, Nelito Systems, India   **Feb 2019 – Feb 2020**
- Re-modelled biller payment methods for merchants namely Razorpay, Goibibo pertaining to REST API services wherein improved per-day success rate of service call by 75 percent.
- Executed end-to-end functional testing IPO module in Internet Banking system of Central Bank of India.
- Automated business process for real-time OTP delivery to decreased lapses in transaction time.
- Tested modules of National Payments Corporation of India which is involved in IMPS transactions curbing any loss of customer service and improved transaction response time by 20 percent.

Application Development Analyst, Accenture Services Pvt. Ltd, India   **May 2016 – Jul 2018**
- Provided enhancements to pension modules of customer curated by Java and SQL helping client to cut on 20 percent of yearly spending.
- Enhanced service run-time of PL/SQL procedures to prevent loss of customer service.
- Fixed bugs related to business applications in java environment modularizing pension and insurance functionalities.

CERTIFICATIONS
- **Oracle Java SE 8,** September 2020
- **Oracle Cloud Infrastructure Foundations,** September 2020
- **Building Modern Java Applications on AWS,** June 2021

COMPUTER SCIENCE PROJECTS
Onedatashare: Java, Springboot, CockroachDB, AWS
- Web application that allows interoperation across heterogeneous data resources using efficient data transfer techniques to save substantial time in transferring and sharing large data sets.
- Modelled an API to expose meta data of requests submitted by users which enabled the users to verify the status of their requests.
- Automated backup of the entire database cluster into AWS S3 bucket on weekly basis.

Maternal App: Java, Springboot, PostgreSQL
- Web application that will help the patients to locate and consult the healthcare providers both in-person as well as virtually via zoom meeting in their surrounding areas.
- Led a team of five members to create the entire application and integrated ZOOM API for users to schedule and reschedule meetings with the necessary healthcare provider.