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: Pl/SQL, MySQL, NoSQL, PostgreSQL, CockroachDB, DynamoDB
Web Development: AWS EC2, Spring Boot, Hibernate, Spring Data JPA, Apache Maven, Gradle, New Relic, JUnit, Mockito, JSON, JSP, AJAX, GCP, AWS Lambda, Robot Framework
Tools: Git, Postman, Docker, Jenkins, WebLogic, Kubernetes

WORK EXPERIENCE

Software Dev Engineer, Amazon, Michigan, USA **Aug 2023 – Present**
- Implemented an API to fetch summary for multiple payables in a batch instead of loop calls thereby reducing number of over the network call from AWS Lambda to service layer which accelerated SQS message notification generation.
- Orchestrated data-driven functional test cases using robot-framework that helped in validating invoices via application interface leading to 100 percent coverage of entire application workflow.
- Simplified conditional payments by implementing A/B testing pattern as a gating mechanism to enable the conditions as per need to avoid re-deployments or any code fixes.

Application Developer, Barclays, New York, USA **Feb 2023 – Jul 2023**
- Collaborated with assistant vice president to implement an API model in sync with a third-party asset management firm, leading to 100 percent automation of business-critical report generation.
- Fortified multiple APIs to inculcate OWASP library to strengthen data security and avoid possible injection attacks.

Software Engineering Intern, Evernote, California, USA **May 2022 – Aug 2022**
- Implemented CI/CD pipeline for Git repos leading to 100 percent automation of integration and deployment process.
- Engineered Kubernetes cluster in GCP and Jenkins leading to containerization of multiple services within Kubernetes pods.
- Customized docker images from existing Linux nodes leading to 100 percent containerization of Linux nodes.

Staff Consultant, Oracle Financial Services Software Limited, India **Feb 2020 – Jul 2021**
- Introduced bulk upload module for customer account creation using Java, Pl/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**
- Revitalized 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 – July 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