

AISHWARYA RATH

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EDUCATION

Master of Science: Computer Science, University at Buffalo, The State University of New York
Bachelor of Engineering: Electrical Engineering, KIIT University, India

Aug 2021 - Dec 2022
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

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 within puppet leading to 100 percent containerization of the Linux nodes.

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

- 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

COMPUTER SCIENCE PROJECTS

- **Onedatashare:** Java, Springboot, CockroachDB, AWS
Customized multiple APIs strengthening the web application that allows interoperability across heterogeneous data resources using efficient data transfer techniques to save substantial time in transferring and sharing large data sets.
- **Maternal App:** Java, Springboot, PostgreSQL
Fostered a web application to help patients locate and consult with health care providers in their surrounding areas.