

Deva Hanumanula

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EDUCATION

Indiana University Bloomington

Bloomington, IN

Master of Science in Computer Science; CGPA: 3.95/4

Aug. 2022 – May 2024

Amrita School of Engineering

Kerala, India

Bachelor of Engineering in Computer Science and Engineering; CGPA: 3.28/4

Aug. 2015 – Jun 2019

TECHNICAL SKILLS

MuleESB: Anypoint Studio, Mule Runtime(4.x), RAML, Mule ESB Flows, Data Weave, Connectors, Message Filters, REST APIs, SOAP APIs, Load Balancer, Runtime Engine, Anypoint Platform, Design Centre, API Manager, Flow Controls, Munit, Filters, Transformers, Scatter-Gather, Aggregators

MuleConnectors: Salesforce, Database, JMS, HTTP, FTP, SFTP, Anypoint MQ, Gmail, OAuth, Object Store, SAP.

Certifications: Salesforce Certified Mule Developer(Mule 4), Salesforce Certified Administrator

Languages: Python, JavaScript, SQL(Postgres), Oracle DB, Java,C, HTML/CSS, MongoDB, MEL.

Frameworks: React, Node.js, Flask, MuleSoft, Spring Boot, ExpressJS, JUnit, Docker, Material-UI

Developer Tools: VS Code, Jupiter Notebook, Eclipse, Docker, Postman, Android Studio, BitBucket, Git, PyCharm

EXPERIENCE

Associate Integration Consultant

Jul 2024 – present

MTX Group Inc

- Designed and developed **Mule API's** to connect **Salesforce CRM** with **Oracle DB** to synchronize data between two systems and minimize errors.
- Created **Dataweave scripts** for complex data transformation and mapping between Salesforce and Oracle DB. Implemented **data validation** rules in Salesforce, reducing data entry errors by 15%.
- Configured **Global error handling** frameworks, allowing for **retry mechanisms**, custom error messaging, and smooth recovery from integration failures.
- Designed **RAML Specs** in Design Centre as per the requirements to ensure reusable, scalable API architecture.

Integration Consultant

Dec 2021 – Jul 2022

Wipro Limited - Bank Of America

- Optimized **Java applications by migrating to Mule APIs**, facilitating seamless integration, and building highly efficient, scalable APIs. Achieved a 60% reduction in resource usage, enhancing the overall user experience
- Developed Mule flows leveraging **Database, JMS, Object Store, FTP,HTTP, Pub-sub Connectors** to integrate banking systems, enabling real-time data exchange.
- Implemented **Global Error Handling** for each API, ensuring uninterrupted connectivity between systems and minimizing downtime, resulting in a 20% reduction in transaction errors.
- Leveraged **OAuth, SSL/TLS, API authentication** techniques alongside effective secrets management to safeguard sensitive data.

Integration Developer

Jun 2020 – Dec 2021

Tata Consultancy Services - Roche Pharma

- Led a team of 3 offshore professionals as a Mule 4 developer for Roche Pharma's Shared Investigator Project (SIP).
- Designed and Implemented an Event Gateway using **API-LED connectivity architecture**, integrating source and target systems with more than **15** reusable, highly scalable, loosely-coupled, customizable Mule Components.
- Orchestrated intricate **data transformations** and mappings via **Dataweave**, accommodating diverse data formats such as **JSON, XML, CSV, flat files, and form-data**, boosting data integration efficiency by 60%.
- Created APIs integrating with **Databases, JMS, File, SFTP, and Google Mail**. Established **CI/CD pipelines** using Azure DevOps to automate deployments for **40+ projects** within Roche.
- Implemented robust security measures including **OAuth2.0, IP whitelisting, Authentication, Authorization, and SSL configuration**, ensuring protection against unauthorized access and data breaches.
- Managed, governed, and secured APIs using Anypoint's **API manager**. Implemented **RAML** for API specification and development.

Assistant System Engineer

Jun 2019 – May 2020

Tata Consultancy Services - HSBC

- Implemented **REST and SOAP APIs** to fetch data for customers, enabling efficient data transfer to other systems, as per functional mapping sheet, for HSBC Core Banking team.
- Devised REST APIs for creating new profiles and updating existing ones for customers, utilizing **Data Mapper** for seamless transformation between **JSON, XML, and CSV formats**.
- Executed **M-Unit tests** to ensure functionality and performance of REST API endpoints, achieving **100% test coverage** before deploying APIs on on-prem servers via Jenkins.

PROJECTS

Game Sensei | *React, Node Js, MongoDB, Material UI*

Jan 2023 – Apr2023

- * Built a responsive UI with React, integrating Material UI and Tailwind CSS for enhanced styling. Utilized Express JS for authentication, session management, and data validation in the web app.
- * Incorporated MongoDB, Mongoose within Node.js environment for seamless data storage, retrieval, manipulation.

File Monitoring Alert System | *Apache Spark, Amazon DynamoDB, AWS EC2*

Sep 2023 – Dec 2023

- * Engineered an Apache Spark-based log file processor in Scala to send automated alerts to stakeholders for cloud monitoring and troubleshooting, utilizing Amazon DynamoDB for persistent storage.
- * Used Amazon Managed Streaming for Apache Kafka for inter-process communication and AWS SNS for email notifications. Dockerized the application and deployed it on AWS EC2.