

JOY STEVENSON BODDU

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EDUCATION

University of South Florida Tampa, FL

Master of Science in Business Analytics and Information Systems (CGPA 3.95) (Expected Graduation: DEC 2024)

- Coursework: Data Mining, Advanced Data Base Management Systems, Data Science Programing, Distributed information systems, Data Visualization, Statistics with R

GITAM University Visakhapatnam, INDIA

Bachelor of Technology in Computer Science Engineering (CGPA3.3) (May2015-April 2019)

- Coursework: Cloud Computing, Data Mining/Data Warehousing, Data Structures, Object Oriented programing with JAVA, Principles of Software Engineering, OS Linux

WORK EXPERIENCE

Application Development Analyst Accenture Mumbai, India

(June 2021 – July 2022)

- Recognized as star performer for two months for **automating** daily activities and conducting Interpretation reports.
- Implemented a **robust incident response plan** that minimized downtime by 75% and reduced customer complaints by 60%, resulting in Increased customer satisfaction ratings and Quality Reporting.
- Devised a comprehensive Splunk and Anypoint Studio monitoring solution, resulting in 20% productivity gains and a 15% reduction in response time to critical alerts and reports.
- Automated team's work by deploying **MuleSoft** applications, saving 50 hours of weekly work, enhancing Access.

Application Development Associate Accenture Mumbai, India

(May 2019 - June 2021)

- Orchestrated System Conversion of a highly efficient **SAP client-server application** that facilitated seamless business transactions, resulting in a 30% reduction in processing time and improved data accuracy by 25%, and enhanced Claim processing.
- Developed 50 APIs using MuleSoft using both **Mule-3** and **Mule-4 Controllers**, enabling end-to-end data transactions.
- Streamlined Software testing process for sprint cycle, implementing robust test automation framework and conducting regression testing resulting in a 25% reduction in testing time and a 40% improvement in overall application quality.
- Championed Java developer certification, with expertise in MVC and Spring frameworks; revolutionized codebase to boost application efficiency by 30% and elevate data quality standards, resulting in heightened system performance.

Internship Trainee Juniper Networks Bangalore, India

(June 2018 - July 2018)

- Orchestrated the rollout of a dynamic training program to cultivate a highly proficient financial team; optimized operational efficiency and productivity, culminating in a 15% revenue growth through refined business processes and elevated workforce competencies.
- Conducted a comprehensive study of Junos' layering and architectural nuances, enabling the development of targeted performance enhancements that boosted network efficiency by 25% for Juniper Networks and Availability.

PROJECTS

Heart Attack Prediction using Random Forest Algorithm

- Coded a data-driven strategy using Python libraries Scikit-Learn, Pandas, and NumPy to implement RFA.
- Built a heart attack prediction model Filing 500+ data points and 13 feature variables, for Reading purposes.
- Conducted data analysis to identify most significant features for prediction model and Infrastructure consultation.
- Employed precision-recall curve, ROC curve, and confusion matrix to visually depict model performance, facilitating strategic optimizations that boosted conversion rates by 20% and for Validation purposes.

Incident Reduction Model using MuleSoft.

- Built incident reduction model using MuleSoft for optimizing the incident management process and Database management.
- Analyzed incident data to identify root causes and key parameters for incident reduction and Consultation.
- Deployed the model, resulting in significant reduction in man-hours per week and Assignment efficiency.
- By rigorously monitoring and iteratively refining the model, we were able to reduce error rates by 25% and improve overall accuracy and data quality by 15%.

TECHNICAL SKILLS

- **Programming Languages:** C, C++, Java, MuleSoft, Python, R-stdio, C-sharp.
- **Design Language:** HTML, CSS, XML, JavaScript.
- **Tools:** Power Bi, Excel, Azure SAP, PyCharm, Jenkins, Postman, SQL, C++, Java, SAP FICO, Power Apps, Python, Tableau, JIRA, OracleSQL, ServiceNow, Splunk, Splunk dashboards, PyTorch, TensorFlow, SAS, Adobe, Digital Marketing.

