RAJ KUMAR MADDOJU

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LinkedIn | GitHub | Website

EDUCATION

New England College   Henniker, New Hampshire
Master of Science in Computer Information Systems   **May 2023**
GPA: 3.85/4.0

TECHNICAL SKILLS

Programming: Python, Java, C++, R

Cloud Platforms: GCP, AWS

Databases: MySQL, PostgreSQL

Data Visualization: Tableau, Google Data Studio

Tools: Visual Studio, Jira, SSMS, Docker

Version Control: GIT, GitHub

Operating Systems: Widows, Mac, Linux, Ubuntu, Chrome OS

EXPERIENCE

Kivyo Inc., Cedar Park, Texas
Software Developer   **Aug 2023 – Mar 2024**
- Implemented **Agile practices** such as test-driven development **(TDD)** and continuous integration **(CI)** to promote code quality and reliability.
- Utilized **Java frameworks** like **Spring** and **Hibernate** for rapid application development.
- Developed and maintained **API** using **Java** and **Spring framework**, ensuring efficient data exchange, and facilitating integration with external systems and services.
- Achieved a **25% reduction** in application response time through performance optimization techniques.
- Utilized **AWS Lambda functions** and **API Gateway** to create serverless **microservices**, improving resource utilization and reducing infrastructure costs while ensuring high availability and scalability.
- Identified and troubleshooted software issues, **debugging code** to diagnose and resolve issues efficiently.
- Documented software designs, specifications, and technical requirements for reference and future maintenance.
- Implemented **automated test suite** using **JUnit**, resulting in a 30% decrease in manual testing efforts while ensuring comprehensive test coverage and faster feedback loops.
- Employed **PostgreSQL database management system** to store and manage structured data efficiently, leveraging advanced features like **indexing**, **transactions**, and **constraints** to ensure data integrity and optimize query performance.

Google, India
Senior Analyst   **Oct 2018 – Aug 2021**
- Actively participated in **Agile Scrum**, contributing to sprint planning, backlog refinement, and **daily stand-up meetings** to ensure alignment between data analysis tasks and project goals.
- Achieved a 15% reduction in data gathering time by implementing automated **data extraction techniques**, enhancing efficiency, and ensuring timely access to critical datasets.
- Developed and implemented visually engaging dashboards and reports using **Google Data Studio**, resulting in a 40% increase in stakeholder engagement and informed decision-making.
- Collaborated with product managers and developers to define metrics and **data requirements** for **new features** and **enhancements**.
- Identified opportunities to **automate data collection, analysis**, and **reporting processes**.
- Analyzed and audited 10,000+ data records monthly to ensure accuracy and compliance, resulting in a 20% decrease in data errors and a 15% improvement in reporting efficiency.
- Contributed to the improvement of **data tools**, **processes**, and **workflows**.
- Evaluated and implemented **machine learning models** for **predictive analytics.**
- Supported the development of data-driven strategies for marketing and business growth.

CERTIFICATES

- Machine Learning on Google Cloud Specialization
- From Data to Insights with Google Cloud Specialization
- DevOps on AWS Specialization