

# RAJ KUMAR MADDOJU

Email: [rmaddoju.081195@gmail.com](mailto:rmaddoju.081195@gmail.com) | Phone: +1 (682) 990-2437

[LinkedIn](#) | [GitHub](#) | [Website](#)

## EDUCATION

New England College  
**Master of Science** in Computer Information Systems  
GPA: 3.85/4.0

Henniker, New Hampshire  
May 2023

## 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:** Windows, Mac, Linux, Ubuntu, Chrome OS

## EXPERIENCE

**Client: Northwestern Mutual, Wisconsin**

**Software Developer**

**Nov 2022 – Present**

- Implemented **Agile practices** such as test-driven development (**TDD**) and continuous integration (**CI**) to promote code quality and reliability.
- Developed and maintained a **Java application** that improved system performance by 30% and reduced response time by 20%.
- Collaborated with a team of developers to integrate the application with third-party **API**, resulting in enhanced functionality and improved user experience.
- Utilized **Java frameworks** such as **Spring** and **Hibernate** to streamline development processes and enhance code maintainability.
- Utilized **AWS Lambda functions** and **API Gateway** to create **serverless microservices**, improving resource utilization and reducing infrastructure costs while ensuring high availability and scalability.
- Implemented **security measures** and **data protection solutions**, ensuring the application met industry standards and safeguarded sensitive information.
- Conducted thorough **testing** and **debugging** of **Java applications** to identify and resolve issues, ensuring optimal functionality and user experience.
- Successfully debugged and resolved a consistent issue in Java application, reducing system crashes by 60%.
- Implemented **CI/CD pipelines** to **automate** the build, test, and deployment processes using **GitLab CI**.
- 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.

**Client: 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.
- 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](#)