

ADITHI LOKA

AR 72712 | E: lokaadithireddy22@gmail.com | <https://www.linkedin.com/in/adithi-loka/> | <https://github.com/lokaadithireddy> |
HP: +1 7207660939 | My Profile: <https://lokaadithireddy.github.io/>

EDUCATION

University of Colorado, Denver. *MS, Computer Science* CGPA: 3.97/4 May 2021.
Chaitanya Bharathi Institute of Technology, Osmania University, India. *BS, CS.* CGPA: 8.22/10 Apr 2018.

ACHIEVEMENTS AND CERTIFICATIONS:

- Outstanding Graduate Student at University of Colorado, Denver in Computer Science Department for Spring 2021. <https://www.linkedin.com/feed/update/urn:li:activity:6791445728016244736/>
- Data Structures and Algorithms Nanodegree from Udacity.
- Advanced Certification in Machine Learning and Artificial Intelligence by **IIIT-Hyderabad**, India.
- **Other Certifications:** Data Science with python, Big Data science with Spark, Machine Learning.

SKILLS

Programming	: Java, Python, Scala, Java8, R, JavaScript.
Databases	: MySQL, Oracle, MongoDB, Cassandra.
Big Data Technologies	: Google BigQuery, Spark, Hadoop, Kafka, Hive, Airflow, GCP.
DevOps	: Docker, Kubernetes, Jenkins, GIT, Apache Kafka.
Development	: RESTful web services, JDBC, MVC, Servlets, JSP, HTML, CSS, JSON, Bootstrap.
Frameworks and Methodologies	: Spring, Flask, Bottle, Agile, Scrum, Waterfall, TDD.
Platforms and Tools	: Git, Jira, Tableau, PowerBI, MS Office, GCP, AWS, Anaconda, Maven, Gradle, Jenkins.
Data Science	: Pandas, NumPy, Scikit-Learn, NLTK, SciPy, TensorFlow.
Leadership	: Collaborative Interaction, Advising, Team building expertise.

EXPERIENCE

- Walmart Inc, USA – Software Engineer III** **July 2021 – Present.**
- Lead technical pieces on data migration from Hadoop to GCP ecosystem and open-source workflow management platform, Airflow. Planned and discovered methodologies to decommission Hadoop system and migrate to GCP.
 - Discover, Develop, Implement, Test, and maintain application software within all phases of Software development lifecycle (SDLC).
 - Worked on building big data streaming pipelines using Kafka and Apache Spark to capture real time data and transform into relevant form. Worked on creating autoscaling policies dynamically on GCP clusters.
 - Experience working on GCP BigQuery, Spark jobs on GCP clusters, Cloud storage, Kafka, Cloud SQL, and Airflow platform.
 - Involved in improving inventory accuracy and enhancements area by identifying gaps in inventory movement, addressing discrepancies, conducting KT sessions, and adding value to business by generating data using Google BigQuery.
- University of Colorado, Denver, USA – Graduate Research Assistant/Teaching Assistant** **Sep 2019 – May 2021.**
- Worked with a team of web developers on developing REST API services in Agile environment. Involved in discussions on system design and parallelly worked on decision-making models using Machine Learning.
 - Hosted web applications on AWS and experience with Continuous Integration and Continuous delivery (CI/CD).
 - Worked on Machine Learning algorithms and implemented stochastic gradient descent for aviation data to achieve travel safety. Also, worked with NLP techniques, feature scaling, feature analysis and web scrapping for descriptive data analysis. Responsible for performing data visualizations on PowerBI and creating dashboards on Tableau.
 - Delivered lectures on OOPs concepts and responsible for designing programming assignments, grading, and offering constructive feedback to undergraduate students.
- Accenture Solutions, India – Software Engineer** **May 2018 – Jul 2019.**
- Develop, test, and maintain application software within all phases of software development lifecycle.
 - Implemented RESTful web services to perform CRUD operations on data and worked in Agile environment which involved refinement sessions and retrospective meetings.
 - Responsible for handling SQL queries, worked on database design. Experience in facilitating data extraction, data interpretation and data analysis using SQL queries.
 - Worked on bug tracking tool, JIRA and experience using Version control tool, GIT.
 - Gained proficiency in debugging and maintaining fixes.
-