

SUMMARY:

Computer Science graduate with 4 years of industry experience in Data Analysis, AWS cloud, AWS Lambda, Web Development, Selenium and Web Scraping.

EDUCATION

University of Alabama at Birmingham, Birmingham, AL

Expected Graduation - Dec 2024

Master of Science, Computer Science

MGIT (Mahatma Gandhi Institute of Technology), Gandipet, India

May 2017

Bachelor of Technology, Computer Science and Engineering

GPA: 4.0

SKILLS

- **Programming languages:** C, Java, Python
- **Web technologies:** JavaScript, Html, CSS, Bootstrap
- **OS:** Linux, Windows, macOS
- **Cloud:** AWS (IAM, EC2, S3, Athena, Step function, EMR, Lambda etc.), Google Cloud Platform (GCS, BigQuery)
- **ETL & Visualization:** Google Trifacta, BigQuery
- **VCS/Agile:** Git, Gitlab, Bitbucket, JIRA, Confluence
- **Web Scraping:** Selenium, beautiful Soup
- **Database:** No SQL/Mongo DB, Microsoft SQL Server, MySQL, PL/SQL, Oracle

EXPERIENCE

Dun and Bradstreet (DNB)

Hyderabad, India

Data Operations Analyst

Mar 2022 – Dec 2022

- Developed a web scraping framework for scraping similar websites with ease which in turn reduced our work load by **40%**.
- Migrated the local desktop web scraping solution to AWS cloud.
- Data cleaning, formatting and wrangling using **Google Trifacta**.
- Automated the data aggregation and pipeline activities using AWS Services and Sage Maker.
- Stood **#10** among **215** participants in **Google Cloud Hero Kubernetes Skills** Challenge.
- Handled biweekly calls with Data Acquisition and Data Analytics team to prioritize new web scraping sources.
- Coordinated with various Data Owners to understand the important of the data sets which we are going to scrape.
- Worked with dedicated Google team to understand **Google Document AI** (Document processing platform) for analyzing annual **CSR reports**.

Amazon

Hyderabad, India

Programmer Analyst

Jan 2022 – Feb 2022

- As a part of Core Trans Tech team, I worked on developing carrier manifest documents for carriers using apache VTL (Velocity Template Language).
- The manifest generation was improved by launching node-based plan, increasing it by **20%** while lowering the number of issues.
- Owned the AMZL manifest deprecation, which saved **\$1620** per month to amazon.
- Made a significant contribution for Brexit launch and completed all the **45 Brexit ship method** launches in time.
- Automated the manifesting tasks like creating templates, generating traffic data reports, submitting code reviews using **python** and **Amazon AWS**
- Monitored **CloudWatch** logs and automated email alerts for the customers to send status of the job.
- Worked on migration and data modelling initiatives and deprecated the obsolete property-based data models and deployed new **graph-based** data models.
- Delivered the project **Wolfgang (Amazon Pharmacy USA)** for CIT Manifesting and launched 20 ship methods which increased the pharma US traffic by **110%**.
- Integrated **Trade Classification API** for printing **ECCN (Export Control Classification Number)** onto the carrier manifests.
- **Mentored** and onboarded 4 newly hired interns for the CIT manifesting.

Persistent Systems

Hyderabad, India

Software Engineer

Jan 2019 – Jan 2020

- Developed a Chat Bot using **python Django, Google Dialogflow, TextBlob and speech recognition**.
- Worked on **Salesforce, docker** and **devops** tools and developed a website for a banking firm.
- Came in **4th** place among **50 teams** in **Semicolons Hackathon** where I helped in developing the intelligent chat bot to automate routine chores like scheduling up the meetings, **Customer sentiment analysis** and **Call Analytics**.

Plianto Techonolgies, Internship

Hyderabad, India

Data Analyst

May 2018 – Jul 2018

- **Clustering Collusive Dealers** in Commercial Taxation System using **Unsupervised Machine Learning** (A Government of Telangana Project).
- Worked on **Salesforce, docker** and **devops** tools and developed a website for a banking firm.
- Came in **4th** place among **50 teams** in **Semicolons Hackathon** where I helped in developing the intelligent chat bot to automate routine chores like scheduling up the meetings, **Customer sentiment analysis** and **Call Analytics**.

- Tutored Undergrad and Secondary School students in Math, Physics and Chemistry.
- Received **122** Five Star rating.
- Ranked an overall **4.2-star** Expert Rating in tutoring.

PROJECTS

Natural Language processing (NLP) for Customer and support - SEMICOLONS Hackathon

Mar 2019

- Our team built a passive voice assistant to help automate many tasks like scheduling a meeting, making reservations, Call Analysis.
- We stood at rank 11 out of 47 Teams across the globe.
- We used technologies like Asterisk VOIP server, python and AWS.

Web Scraper for airlines website (freelancer project)

Aug 2018

- A web scraper to scrape airline websites (makemytrip.com) and store the fetched data in database.
- The Scraper is efficient to scrape thousands of records and could also automate the captcha solution.

Anomaly Detection using Clustering

May 2018 – Jul 2018

- Categorized the dealers of Telangana state into genuine and anomalous using K-means clustering technique
- Performed various clustering algorithms like Density based, K means, Hierarchical Clustering to find out anomalies.

Website for Women Welfare Schemes - Smart India Hackathon -2018

Mar 2018

- Developed website for women welfare schemes for government of Gujarat using PHP, MySQL, Bootstrap.

LEADERSHIP AND INVOLVEMENT ACTIVITIES

- Co-Convenor of college (sports) fest NIRVANA - 2018
- Coordinator of Street-Cause MGIT
- Organizer of QUBIT (CSE departmental fest) 2018.
- Member of NSS (National Social Service) MGIT.
- Member of SWECHA (Free Software Foundation)

CERTIFICATIONS

- Oracle Java certification (Java Fundamentals) by Oracle Academy in association with TASK (Telangana Academy for Skill and Knowledge).
- SQL certification by Oracle Academy in association with TASK.
- National Hackathon certification (participation) by MHRD
- Data Analysis certification, IIT-Hyderabad
- Semicolons Hackathon certification - Persistent Systems