

Manideep Meda

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EDUCATION

Arizona State University

Master's in Computer Science, 4.0/4.0

Tempe, AZ

Aug 2022 – May 2024

National Institute of Technology, Rourkela

Bachelor of Technology in Electrical Engineering, 8.36/10.0

Rourkela, OD

July 2015 – May 2019

TECHNICAL SKILLS

Languages: Python, C/C++, Java, MySQL, NoSQL, JavaScript, HTML/CSS

Technologies and Frameworks: Flask, Microsoft Azure, AWS, PySpark, Spring Boot

Developer Tools: GitHub, Visual Studio Code, Postman, JIRA, PyCharm

Libraries: Pandas, NumPy, Flask, Matplotlib, lxml, BeautifulSoup, PyPDF2, ZipFile, PyDeequ

Familiar with: Machine Learning, OpenCV

EXPERIENCE

Royal Bank of Scotland Services

Software Engineer

Bengaluru, KA

Jul 2021 – Jul 2022

- Developed a configurable framework to generate metrics for analyzing data and to perform data quality checks. Processed metrics for a dataset with one million records and 250+ dimensions in 4 minutes. Used PyDeequ and Apache Spark with Python in AWS Glue.
- Developed an utility to create or update Glue Job and Triggers using Lambda.
- Performed deployments for multiple clients in AWS for test and production environments.

Accenture Solutions

Advanced Application Engineering Analyst

Bengaluru, KA

Aug 2019 – Jul 2021

- Developed REST API endpoints and modules for extracting data from Excel and Word to auto-populate different sections of a regulatory document using Jinja template. The task which earlier took 12 days, was done within 20 minutes.
- Worked on session handling and Azure Function to handle different requests using Flask.
- Performed deployments and handled various edge cases and improved the code coverage by 90%. Used CosmosDB to store the data generated by the application.

PROJECTS

Availability Notification Software System | Java, Junit, MongoDB

Jun 2021 – Sept 2021

- Developed a back-end server using Java to track published events and send notifications based on customer interest
- Publisher Subscriber Model is used for instant event notifications. Used Hash Map and Set for reducing time complexity.
- Handled various edge cases and improved the code coverage. Used MongoDB to store Customer and Bread and Breakfast Providers data.

COVID Data Tracker and Vaccine Finder | Python, Flask, Twilio, Telegram, Git

Apr 2021 – Jun 2021

- Created a Whatsapp chat bot to fetch latest COVID statistics about active, recovered and deceased cases.
- Created a Telegram chat bot to check COVID vaccine availability nearby using zipcode or user location.

PDF Manager | Python, Flask, PDF, Git

Mar 2021 – Apr 2021

- Created a **website** that help with PDF tasks like encryption, decryption, merging and organizing.
- Used PyPDF2 for working with PDFs and Flask to handle web requests.

HONORS & ACHIEVEMENTS

- Received Star of the Month award in Royal Bank of Scotland for robust contribution in enhancing and showcasing framework capabilities.
- Received Inspiring Innovator award for demonstrating innovation and making an impact on Accenture and its clients.