Janki Makwana

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EDUCATION

LOUGHBOROUGH UNIVERSITY
BSc Computer Science and Mathematics, 2.1
2017-2021 | Loughborough, UK
Final Year Project:
COVID-19 Pandemic Data Analysis and Forecasting Using Machine Learning
I attempted to show which ML techniques would result in an accurate prediction of COVID-19 cases and deaths and investigated these different options.

LINKS

Github:// **Janki Makwana**
LinkedIn:// **jankimakwana**
Website:// **janki-makwana.com**

SKILLS

• 3 day consultancy course - understood the basics of consulting, designing solutions, managing clients
• Presentation Skills workshop - learned how to present my ideas effectively using my voice, body and language

PROGRAMMING

Language	Level
Python:	●●●●◐
Matlab:	●●●◐○
SQL:	●●●●◐
LaTeX:	●●●●●
HTML:	●●◐○○
CSS :	●●◐○○
PHP :	●●●○○
Java :	●●●◐○
R :	●●●○○
JavaScript :	●●○○○

TECHNOLOGIES

AWS Redshift • Snowflake (Snowpark) • Sagemaker • Greengrass • AWS EC2 • HUGO •NLP •Computer Vision •TinyML •IoT

CERTIFICATIONS

2022 AWS Certified Cloud Practitioner
Certified Cloud Practitioner involves critical knowledge related to implementing cloud initiatives and validates cloud fluency and foundational AWS knowledge

2022 SnowPro Core Certification
The SnowPro Core Certification demonstrates an individual's knowledge to apply core expertise implementing and migrating to Snowflake.

EXPERIENCE

GLOBALLOGIC UK&I | Associate Data Scientist
May 2022 - Present | London

- The client needed a way to recognise what type of animal is in the image, so i worked with AWS Greengrass and TinyML to create a classification model to decipher this in real time.
- Worked with Snowflake and in particular Snowpark - using it for ML techniques and creating User defined functions so that my team could benefit from pre-written and tested code.
- Client needed a way to find all companies within a webpage (a list of marketing companies), I created a simple web scraping tool that would retrieve all of these companies and put it in a readable format. This was very valuable to the client as it meant not wasting valuable resources on something that my simple web scraper could do.
- The client needed a way to target their customers directly by creating an insights dashboard, so I wrote code that finds competitors of NASDAQ 100 companies and scrapes media articles to find out the sentiment of how are they are being perceived, this was very valuable to the client as it meant that they could tailor their sales towards multiple different customers but make it personal for each company.

GLOBALLOGIC UK&I | Associate Consultant
September 2021 – May 2022 | London

- This is a graduate program, in which we created an app at **www.climatece.co.uk**, it was called the Climate Cost Explorer
- Worked as backend developer, mostly Python code. This also included using boto3 (AWS) and creating endpoints for frontend team to use
- Used DynamoDB for quick database setup using YAML templates
- Created forecast of carbon emission usage
- Worked in a team with SCRUM methodology
- This project was very valuable for the client as it meant that they could visualise their carbon emissions related to their AWS account. This means the clients could target where they need to reduce emissions based of this tool.

AMAZON PRIME VIDEO | Commercial Insights Intern
September 2019 – August 2020 | London

- Optimised database clusters in Amazon Redshift
- Used Amazon Quicksight to create dashboards for KPIs within Prime Video.
- Learned about different machine learning models
- Heavily used SQL to pull key data from different tables and did exploratory data analysis on the data to extract useful insights

INTERESTS AND ACTIVITIES

• Dadabhagwan Foundation (Volunteer for 10 + years with technical and non-technical activities)
• Created my own website powered by HUGO, more info about my experience and education is at **janki-makwana.com** (it is still a work in progress and I will be adding my own blog series on this)
• Created a shopping list creator (you can take a picture of recipe and ingredients automatically added to Google Keep)
• I am also currently mentoring a bright student (around 16yrs of age)