

# Arth Mukeshbhai Patel

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## Objective

Proactive candidate with excellent analytical and organisational abilities seeking a Data Analyst role at a leading organization, bringing advanced programming skills as well as a strong ability in machine learning and computer science to drive business development. Experience in cleaning and transforming data to provide data-driven recommendations and conducting statistical analysis to identify patterns.

## Relevant Experience

- **Data Analyst Intern – Part-Time, National Solar Energy Group (June 2021 – Present)**
  - Converted data into meaningful insights by forecasting and modelling future consequences. Used SQL, data warehouse applications, PowerBI, and dashboard/visualization toolkits for data intelligence and analysis.
  - Understanding the data and come up with a meaningful and relevant hypothesis. Problem-solving with data visualizations or algorithms and exploratory data analysis.
  - Help to gain exclusive insights about the market and stay ahead of market competitors. Concentrate on customer retention by developing a customer segment model and recommending a specific segment focus.
- **Data Science Intern, SoftVan Technologies (September 2018 – April 2019)**
  - Worked on some real-world problems and solved them using data science tools like Python, NumPy, pandas, visualization, etc.
  - To find answers to complicated issues, write computer algorithms and analyze huge datasets. enabling management to make more informed decisions.
  - With advanced machine learning and deep learning, the model developed the project called predictive intelligence for travellers to ensure the best flight experience with Flask.
  - Identify patterns in data and use those patterns to detect patterns and anomalies. To allow automation, use algorithms and statistical models.

## Casual Employment Experience

- **Shift supervisor – Part-time, Pizza Hut Marsden Park (April 2020 – Present)**
  - Conducting excellent customer service and solving customer complaints using professional communication in a fast-paced, high-intensity work environment.
  - Minimize food wastage whilst operating on a strict budget by conducting regular date checks and stock rotation policies.
- **Web and Graphics Designer, VIDHI Graphics Design (July 2019 – December 2019)**

- Gained experience in design tools like Corel draw, adobe software and style sheet language.
- Played a key role in designing the web using the key web development tools and graphics designing software.
- **Volunteer Web Developer, Sahaay - community of non-profitable NGO (January 2018 – July 2018)**
  - Working with HTML/PHP/CSS/JavaScript/Bootstrap/MySQL on website [www.Sahaay.in](http://www.Sahaay.in)
  - produce and deliver their content, they must maintain constant connection with other colleagues in the organisation.

## Education

- **Macquarie University – AUSTRALIA - Master of Data Science (2020 – Present)** Distinction Average (76 WAM)
  - Coursework in machine learning, deep learning, data mining, applied statistics, big data technology and generalized linear models.
  - Database management system for constructing the data-warehouse using ETL.
  - Data visualization, preprocessing and statistical analysis tools like tableau, imply-Apache druid, python, Microsoft excel sheet, SPSS, and R.
  - Web development using STRAPI API and NodeJS with database MongoDB and MySQL.
- **Gujrat Technology University – INDIA - Bachelor of Information Technology (2015 – 2019)** Distinction Average (8.1/10 CGPA)
  - Coursework in several subjects such as data structure, calculus, advanced data algorithms, computer graphics, linear algebra, and many others.
  - Developed communication skills and gained knowledge in different object-oriented programming languages.
  - Learned project management with different methodologies such as agile, waterfall, spiral and Microsoft office 365 services.
  - Web development with PHP and Python.

## Technical Skills

- Languages: Python, R, JavaScript, SQL
- Database: relational database (MySQL, Oracle, SQL Server), NoSQL (MongoDB)
- Web development tools and framework: Flask, NodeJS.
- Microsoft Excel, PowerBI and tableau.
- Data science research methods, statistics, and probability and machine learning algorithms.
- Data warehousing with snowflake and AWS cloud service.

## Key Skills

- Meet changing deadlines while still producing high-quality work

- Collaborating and working well together with others
- Solution-focused, critical thinker, flexibility and positive attitude
- Strong interpersonal and communication skills.
- Data cleansing and transformation, machine learning and competitive programming.

### **Award and Certification**

- **Google data analytics - Coursera**
- **AWS fundamentals - Coursera**
- **Fundamentals of scalable data science – IBM: Apache-spark**
- **Mozilla club Team Leader:** Learn Git and Rust
- **Digital ocean:** participated in the digital ocean hackathon to learn more about the cloud service.
- **Logout, Mozilla:** the campaign of cyber awareness. Public speaking regarding cybercrime. Worked with cyber experts.
- **Rajasthan hackathon, Bikaner (hackathon 5.0):** develop a project to help people to select and locate buses for an easy commute.

### **Reference**

- Available upon request