

Abhijeet Singh Batra

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PROFESSIONAL SUMMARY

- Competent and proactive engineer with overall 1.5 years of experience working on technologies like AWS (**AWS Certified Solution Architect Associate**), Python, Pyspark and Machine Learning.
- Proficient in building **data intensive** applications, tackling **challenging** architectural and **scalability** problems, collecting and sorting data.
- Well-acquainted with **ETL pipelines**, **data modelling**, **data management** and processing systems.
- Excellent **communication skills** at all levels of a **business**, coupled with a **professional, customer focused** approach.

INDUSTRY EXPERIENCE

Novo Nordisk, Bangalore

Associate Data Engineer

June 2021- Present

- Working on different **Business KPI prediction** problems like Consent (Classification), Reach (Regression), Frequency (Regression), Coaching (Regression) and Vacant Territory (Regression) on monthly and weekly level.
- Created **data pipelines**, ETL for these KPI's from different data sources and storing the transformed data in AWS S3 and worked on optimization of data processes. Optimized pipeline of multiple data sources to finish **2x faster**
- Created an **automation script** to map a new product name to its corresponding therapy area.
- Created different classification and regression models like **Logistic Regression**, **Linear Regression** and **Random Forest** along with **Feature engineering** to increase the performance of the model.

Novo Nordisk, Bangalore

Data Intern

Dec 2020 – May 2021

- Analyse data from different sources to **derive insights** in the form of KPI's which are helpful to the Business Stakeholders to make informed decisions.
- **Built a model** using the random forest algorithm, to **predict** the most appropriate day and time for conducting webinars effectively to ensure **maximum** engagement.

Sprinklr, Gurgaon

Machine Learning Intern

May 2019 – June 2019

- Worked on text analysis using different libraries and framework like **spacy**, tensor-flow and keras for **sentiment prediction** and category analysis in chat-bots.

TECHNICAL SKILLS

AWS, Pyspark, Python, SQL, Machine Learning, Quicksight Q, PowerBI, Big Data and Analytics, DeepLearning, Data Structures and Algorithms, Git, NLP, Flask.

EDUCATION

Christ University, Bangalore, India

Bachelor of Technology (B.Tech) in Computer Science

June 2017 – July 2021

- Cumulative GPA: 9.33 / 10.00

ACADEMIC PROJECTS

Social Media Analytics App(Dec 2019 - March 2020)

- Web-based application with a sentiment classification model deployed on it, allowing businesses to run various kinds of analytics on their customer's content on social media.

RESEARCH

Smart Portable Neonatal Intensive Care for Rural Regions

- **Published** this research paper under the guidance of Dr. Aynur Unal (Prof. Stanford University), which was also presented at an International Conference.
- An economical, mobile and energy conserving **prototype** of this AI based decision support system incubator was designed for the health centres in rural areas.

AWARDS /ACTIVITIES

- Vice President of ASCII (Association of students of computer science & information technology with innovation) Christ University, Bangalore
- Developed and published an app on play store.
- Actively involved in Basketball, Athletics and Swimming competitions.