

# ANJANA AMBIKA

## DATA SCIENCE INTERNSHIP

### CONTACT

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### EDUCATION

#### Post Graduate Program in AI and Machine Learning (2021-2022)

- Purdue University-Simplilearn, USA-India

#### MSc in BigData Analytics for Business (2016- 2017)

- IESEG School of Management, Lille, France

#### Bachelor's in Electrical & Electronics Engineering (1999- 2003)

- Kannur University, Kerala, India

### CERTIFICATION

- Nanodegree in Data Science, Udacity (April 2021)
- Nanodegree in Predictive Analytics for Business, Udacity (August 2020)

### PROGRAMMING

- Python, SQL, R, SAS

### TECHNOLOGIES/ TOOLS

- Microsoft Power BI, Tableau
- Informatica / ETL, Oracle DB, MS Excel

### QUALITIES

- Analytical thinking, Leadership skills
- Curiosity, Communication Skills, Proactiveness

### DATA SCIENCE SKILLS

- Data visualization, Supervised Learning techniques
- Unsupervised learning techniques
- Inferential Statistics, Descriptive Statistics, NLP

### LANGUAGES

- English, Malayalam
- Hindi, French (A2)

### PROFILE SUMMARY

- I'm a Post graduate in Data Science with internship experience in an analytics startup. Having done a Master's in Big Data Analytics from IESEG School of Management (France), 2 Nanodegrees from Udacity, an internship in NLP and another post graduation in Artificial Intelligence, I am looking for a permanent job as a Data Analyst. My non-analytics work experience is over 12 years in the field of Data Warehousing where I managed several data migration projects using ETL tools. This resume covers my skills on a high-level and for more details, kindly checkout my LinkedIn profile.

### PROFESSIONAL EXPERIENCE

#### MACHINE LEARNING WORK EXPERIENCE (1.5years including Masters)

##### GAPRO (Paris, France) - 2017(Sep-Dec)

###### Designation: Data Science Internship

- Data acquisition using Python Scrappy across internet, Built automated fashion taxonomy, NLP, Python, Airflow, AWS S3

#### MACHINE LEARNING ACADEMIC PROJECTS (MSc)

##### Predicted potential donors for a mailing campaign for an NGO (R, Tableau)

- Built classification models, evaluated, and selected the best performing model., Models used: Logistic Regression, Random Forest, SVC

##### Winner of Leroy Merlin Hackathon challenge (R, R Shiny)

- Predicted products that need to be kept on the front display. , Models used: Logistic Regression, Random Forest, SVC

#### MACHINE LEARNING ACADEMIC PROJECTS (Simplilearn) (Python)

##### Classify as well as cluster different cancer types using gene expressions Techniques used:

- Clustering using K-Means, Hierarchical clustering, Dimensionality reduction using PCA, LDA, t-SNE
- Classification using Random Forest, SVM, Neural Network

##### Predict the time a Mercedes-Benz spends on the test bench Techniques used:

- Dimensionality reduction using PCA, XGBRegressor for model building, Hyperparameter tuning of the model

##### Identify the level of income qualification needed for the families in Latin America Techniques used:

- Exploratory data analysis, data preparation, standardization, Random Forest Classifier for model building
- Cross validation, Model evaluation: Classification report, Confusion Matrix

##### Predict loan defaulters for LendingClub.com Techniques used:

- Exploratory data analysis, data preparation, standardization, Built deep learning model using Keras with Tensorflow backend

#### DATA WAREHOUSING EXPERIENCE (12 years)

##### ACCENTURE (Bangalore, India) (2010-2016)

###### Designation: Associate Manager

- Led data warehousing, data migration and data analytical projects
- Designed project architecture, Data Models, and Global Data Hub
- Managed team of size up to 10

##### NFOSYS (Mangalore, India) (2004-2010)

###### Designation: Informatica Team Lead

- Informatica Lead for the team in India in implementing data migration solutions
- Worked as an onshore-offshore coordinator in USA