RAMAKRISHNASAI WUPPALAPATI

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LOCATION Hyderabad

PROFILE SUMMARY

- An achievement-driven professional offering expertise in **data manipulation, analysis, reporting and data visualization**; **targeting challenging assignments in Data Science, Data Analysis & Machine Learning**
- **Consistently driving large-scale enterprise-wide assignments** ranging from cost reduction & continuous process improvement to leveraging innovation, transformation & analytics in **Business Intelligence and Data Analysis**
- Proficient at **using the latest data and visualization tools and software** to provide the business with insights on customers and making recommendations for improvement
- Gained knowledge in the **definition, development and evolution of data models, tools and capabilities**
- Proven capable at evaluating the effectiveness & accuracy of new data sources and provided timely communications on significant issues and developments
- Successfully **displayed skills in enhancing data collection procedures** to include information that is relevant for building analytic systems
- Skilled at **processing, cleansing, and verifying the integrity of data used for analysis**, ad-hoc analysis & presenting results in a clear manner
- In depth understanding of collaborating with multi-disciplinary teams to understand business requirements for the products and projects

CORE COMPETENCIES

Data Science & Analysis	Data-Set Management	Business Intelligence
Data Visualization	Statistical Analysis Program Execution	Machine Learning & Deep Learning
Capstone Project	Data Mining & Insights	Model Deployment

SOFT SKILLS
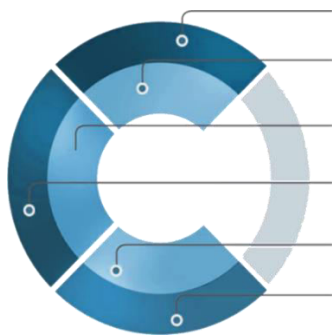
- Change Agent
- Collaborator
- Communicator
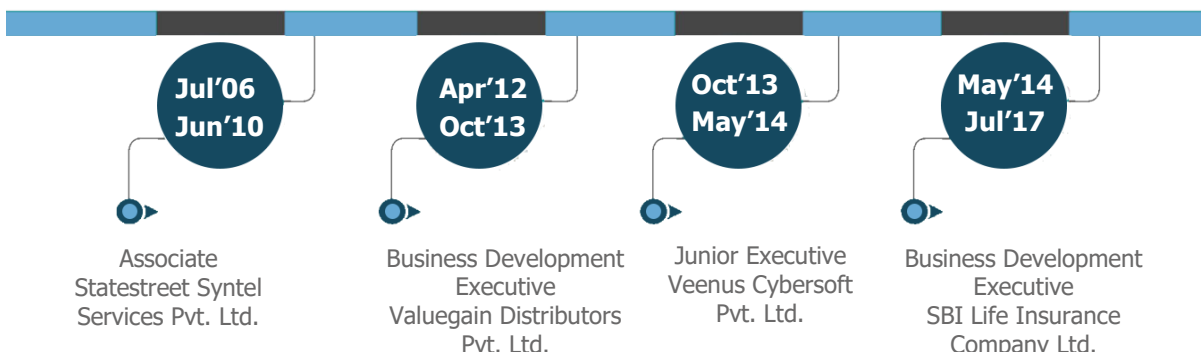- Innovator
- Planner
- Thinker

EDUCATION

PG Diploma in Data Science with a specialization in Deep Learning from IIIT-Bangalore (in collaboration with upGrad) in 2021 (3.7/4 Grade)

Bachelor of Commerce in Accounts and Economics from Mumbai University, Mumbai in 2005 (62%)

CAREER TIMELINE

Jul'06 Jun'10	Apr'12 Oct'13	Oct'13 May'14	May'14 Jul'17
Associate Statestreet Syntel Services Pvt. Ltd.	Business Development Executive Valuegain Distributors Pvt. Ltd.	Junior Executive Veenus Cybersoft Pvt. Ltd.	Business Development Executive SBI Life Insurance Company Ltd.

PROJECTS

Machine Learning:

- Performed-
  EDA & Model Building:
  - o EDA & Linear Regression - Bike Sharing Dataset
  - o EDA & Logistic Regression - Telecom Churn Dataset
  - o Customer conversion rate prediction using Logistic Regression, Decision Tree Classifier, Random Forest Classifier, XGBoost Classifier, GridSearchCV, RandomSearchCV – SaaS Dataset
  - o Customer Segmentation using K-Means Clustering, SMOTE – Life Insurance Dataset and Term Insurance Dataset
  - o Fraud Detection using Logistic Regression, Decision Tree Classifier, Random Forest Classifier and XGBoost, SMOTE and ADASYN – Credit Card dataset

Model Deployment on Flask & Heroku:

- Created a pipeline & deployed-
  - o Linear Regression model - Bike Sharing Dataset,
  - o Logistic Regression model - Leads Conversion Dataset
  - o Advanced Regression model - House Price Dataset
  - o Random Forest model - SaaS Dataset
  - o XGBoost model - Telecom Churn Dataset

Docker:

- Containerizing-
  - o Random Forest model – SaaS Dataset
  - o XGBoost model – Telecom Churn Dataset

Deep Learning:

- Performed CNN, RNN and Transfer Learning on Image Gesture Recognition dataset

TECHNICAL SKILLS

- **Machine Learning** - Linear Regression, Logistic Regression, Tree Based models (Decision Trees, Random Forest, XGBoost), Clustering (KMeans and Hierarchical), Support Vector Machines, K-Nearest Neighbors Classifier (KNN)
- **Dimensionality Reduction Techniques** - PCA, LDA, Backward feature elimination, Forward feature construction, Recursive feature elimination
- **Deep Learning** - ANN, CNN, RNN
- **Model Deployment** - using Flask, Heroku and Postman
- Using **Docker** for containerizing ML models
- SQL
- GCP- Associate Cloud Engineer Program
- Interpreting Blackbox models like Random Forest & XG boost using SHAP & LIME

PERSONAL DETAILS

Date of Birth: 17th Aug 1984
Languages Known: Telugu, English, Hindi, Marathi