GOWTHAM SASAPU
DATA SCIENTIST

SUMMARY

Around **6 years** of professional experience, having 4 years expertise in **Data Science**, **Data Analytics & Processing** to build Predictive Framework/ML to draw insights at scale for diverse business domains such as US Healthcare and Learning Portal.

With:
- Excellent **Analytical**, **Problem-solving**, & interpersonal **Communication** skills.
- Good working experience in **Scrum** Methodologies.
- Have **Passion to learn**, think **Out of box** and Hard working.
- High degree of **Flexibility**, Independent and **Proactive** working style.

CONTACT

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HOBBIES

- Playing Cricket
- Solving Puzzles

LANGUAGES

- **English** ●●●●●
- **Telugu** ●●●●●
- **Hindi** ●●●●○

EDUCATION

2011-15, B. Tech, Computer Science

GMR Institute of Technology (**JNTUK**)

> **1st Class**

Inter (XII), Sri Chaitanya, Secured **87.8%**

SSC (X), SSR School, Secured **93.6%**

WORK EXPERIENCE

PRATIAN TECHNOLOGIES INDIA PVT LTD.
2015 May–At Present

Played key roles in Data Science (Deep Learning) Solutioning from Client interactions, Development, and Delivery across multiple Projects and Business Domains.

TECHNICAL SKILLS & TOOLS COMPETENCY

Category	Skills
Advanced ML	Deep Learning, Computer Vision, CNN, RNN, LSTM, Encoders.
Traditional ML	Linear Optimization, Statistics, Regression, Classification, Clustering & Ensemble Learning.
Data Analytics & Warehousing	Tableau, Relational OLTP & OLAP Designing, SQL Server.
Languages & Liabraries	TensorFlow, Keras, Python, Pandas, NumPy, SkLearn, PuLP, OpenCV, NLTK, Flask, C, C#, SQL.
Version Controls & IDEs	Git, TFS, PyCharm, Jupyter, SSMS, Visual Studio, VS Code.

PROJECTS

Vyacta (A Business Unit of Pratian Technologies: A mission to push the boundaries by creating solutions in AI, ML & DL that solve complex problem without needing to be taught how.
- **Role:** ML Engineer

Projects Covered under Vyacta:

- **Utilization Management:** Created models that helps users to choose right decision while approving or denying a case. Also used for auto filling of reference number to avoid user errors.
  - *Deep Learning, Traditional ML, Flask.*
- **Skill Assure Learning Portal:** It is an important tool in personalized learning as the content of the Portal provides Learning through practical project experience.
  - *Statistics, Traditional ML, Linear Programming, CNN, Flask.*
  - *Role recommendations based on student skills and Sample projects creation for Data science courses.*
- **Smart City Analytics:** *Analytics and Prediction use-cases across different dimensions like Electricity, Water, Solid-waste, etc. to helps City Planners to plan Efficient Management and future expansion.*
  - *Regression, Computer Vision, NLP, Tableau, Flask.*

Utilization Management (US Health Care): UM is a process that evaluates the efficiency, appropriateness, and medical necessity of the treatments, services, procedures, and facilities provided to patients.

- **Role:** Backend Developer
- *SQL Server, Ado.Net, EF, C#, TFS, Visual Studio*

Online Rummy Helper (Self Project): A powerful AI driven algorithm which can defeat opponents in rummy pool games by predicting their cards.

- *Python, Linear Optimization, Conditional Probability, Bayes' Theorem.*
- *Catboost Regression, Speech Recognition*