

Personal Information:

- Full Name: Guna M
- Contact Information:
 - Email: guna0professional@gmail.com
 - LinkedIn Profile: <https://www.linkedin.com/in/guna-m/>

Education:**- Undergraduate Degree:**

- Degree: Bachelor of Computer Application
- College: DRBCCC Hindu College, Pattabiram, Thiruvallur
- Percentage: 84%

- Current Pursuit:

- Master of Science (MSc) in Data Science
- College: Loyola College, Chennai
- Current CGPA: 8.2

Skills:**- Technical Skills:**

- Python
- Web Development (Basics)
- Data Analysis
- PowerBI
- Data Visualization
- AWS
- SQL
- Vector Databases
- Machine Learning
- Deep Learning
- Large Language Models (LLM)

- Natural Language Processing (NLP)

- Soft Skills:

- Leadership
- Teamwork

Certifications:

1. Microsoft Power BI Data Analyst Associate certification

- Score: 937 out of 1000
- Key Areas: Data Preparation, Data Modeling, DAX, Data Visualization, Asset Deployment

2. SQL Advance certificate from HackerRank

- Key Areas: SELECT, JOINS, aggregate functions, subqueries, and window functions

3. Machine Learning certificate from Analytics Vidhya

- Key Areas: ML Models, Ensemble Techniques, Validation Techniques, Hyper-parameter tuning

4. Data Analytics with Python certificate from NPTEL

- Key Areas: Python, Data Preprocessing, Data Visualization, Statistics

Awards and Achievements:

- Ranked 10th out of 1350+ participants in the Machine Learning Summer Training Hackathon conducted by Analytics Vidhya.
- Secured 157th place out of 78350+ participants in the Loan Prediction Hackathon conducted by Analytics Vidhya.
- Achieved a rank of 479 out of nearly 50,000 participants in the Big Mart Sales Prediction Hackathon hosted by Analytics Vidhya.
- Earned the Expert badge in the Notebooks, Datasets, and Discussions sections on Kaggle.
- Secured 2nd place in WIZ-IT-OUT, a Data Visualization competition conducted by Christ University, Bangalore.
- Secured 1st place in BUGFAST AT TIFFANY'S (DEBUGGING) competition organized by Stella Maris College, Chennai.

- Secured 1st place in MASTER MINDS (QUIZ) competition organized by Stella Maris College, Chennai.
- Achieved a rank of 108 out of 806 participants in the Data Science Student Championship 2023 Hackathon hosted by MachineHack Generative AI.

Work Experience:

1. Software Engineer Intern at TailWinds

- Developed an AI-powered application to automate Terraform script generation.
- Evaluated solutions like Amazon Lex, OpenAI Codex, Hugging Face models, Google's Vertex, Google's Palm.
- Demonstrated automation of VPC creation using OpenAI Codex-generated Terraform script.

2. Data Science and Business Analytics Intern at The Spark Foundation

- Built machine learning models for various tasks, including loan eligibility prediction, heart attack classification and data visualization using python.
- Utilized Python and data analysis libraries for insights extraction.

Projects:

1. DataGuru (Open Source Project)

- An open-source Python library for data analysis and preprocessing.
- Features: Detects missing values, outliers, and performs data analysis.
- Future: Planned enhancements include advanced data segregation and model comparison.

2. End-To-End Loan Eligibility Prediction

- Machine learning project predicting loan eligibility.
- Deployment: Web app available <https://gunaxprofessional-end-to-end-loan-eligibil-streamlit-app-mo3bj5.streamlit.app/>.
- Results: Achieved 82.47% accuracy, 0.84 F1-score.

3. End-To-End Diabetes Mellitus Prediction

- Predicts diabetes types using ML.
- Deployment: Web app accessible <https://gunaxprofessional-end-to-end-diabetes-mell-streamlit-app-p243sr.streamlit.app/>.

- Results: Achieved 98.24% accuracy.

4. Store Dashboard Using PowerBI

- Dashboard for sample-superstore dataset with sales and order insights.
- Features: Sales overview, order overview, quantity analysis.
- Usage: User-friendly interface for data analysis.

5. Web Scraping the Premier League

- Scraped match details from Premier League website.
- Details: Date, season, referee, stadium, teams, scores, statistics.
- Implementation: Used Scrapy framework and XPath selectors.

Challenging Situations Faced:

- Organizing technical events during undergraduate and postgraduate studies.
- Managing academic and project work simultaneously.
- Achieving top ranks in various competitions and hackathons.
- Self-study and preparation for the Microsoft Power BI Data Analyst Associate exam