

EDUCATION

Dr. M.G.R Educational and Research Institute

Bachelor of Technology in Data Science and Artificial Intelligence; CGPA: 7.9

Chennai, India

October 2022 – May 2026

Relevant Courses: Computer Architecture; The Art of Commercial Software Development; Programming Languages; Machine Learning; Neural Networks; Cloud Computing; Statistical Methods for Data Science; Natural Language Processing

SKILLS SUMMARY

- **Languages:** Python, SQL, Java, JavaScript, C/C++
- **Frameworks:** Pandas, NumPy, Scikit-Learn, Matplotlib, TensorFlow, PyTorch, MXNet, Caffe, Deep Learning Frameworks
- **Tools:** Power BI, Excel, PowerPoint, Tableau, Postman, AWS, Jira
- **Database:** MongoDB, PostgreSQL, MySQL, SQLite
- **Platforms:** PyCharm, Jupyter Notebook, Visual Studio Code, IntelliJ IDEA, Apache Spark, Hadoop, Big Data Platforms
- **Analytical Skills:** Quantitative Analysis, Statistical Modeling, Forecasting, Predictive Analytics, Decision Making Support
- **Soft Skills:** Rapport Building, Strong Stakeholder Management, People Management, Excellent Communication, Team Collaboration

WORK EXPERIENCE

BACKEND DEVELOPER INTERN | Aurelion Future Forge

April 2025 – June 2025

- Developed analytical solutions for LMS backend using **Node.js** and **MongoDB**, implementing quantitative analysis techniques that reduced API response time by **40%**
- Collaborated with teams to implement **JWT** security measures, utilizing analytical decision making to decrease unauthorized access by **90%**
- Implemented **AWS S3** integration solutions achieving **99.9%** upload success through systematic forecasting of network conditions
- Built AI facial recognition solutions with analytical approaches improving accuracy to **98%** with written recommendations
- Automated API testing with Postman, collaborating with teams to implement quantitative testing solutions reducing manual testing by **60%**

PROJECTS

GQNN | Python Package for Quantum Neural Networks | [LINK](#)

September 2024 – Present

- Created **open-source Python library** implementing analytical solutions for **hybrid quantum-classical models** with quantitative performance metrics
- Achieved **8,000+ downloads** through strategic decision making and forecasting market adoption
- Integrated **Qiskit and scikit-learn**, collaborating with quantum computing community to develop comprehensive solutions
- Optimized architecture through analytical evaluation with written documentation and recommendations

AutoML++ Dashboard | One-Click Automated Machine Learning Platform | [LINK](#)

January 2025 – February 2025

- Innovated **no-code AutoML dashboard** implementing quantitative analysis solutions for automated model training
- Incorporated **RFE, utilizing analytical techniques**for data-driven decision making with **real-time visualizations**
- Enabled model export implementing solutions with written recommendations for deployment and **forecasting capabilities**

Malware Detection Web Application | Real-Time File Scan Using ML | [LINK](#)

March 2025

- Built full-stack malware scanner implementing analytical solutions with **quantitative threat assessment capabilities**
- Executed **real-time scanning**, collaborating with teams to create responsive UI solutions
- Connected **ML prediction engines** implementing efficient analytical solutions with comprehensive written reports

AWARDS & CERTIFICATES

Best Student Performer Award | IBM Career Education | [AWARD](#)

January 2023

- Recognized for **top performance in technical training and industry projects** through exceptional analytical problem-solving and quantitative analysis skills
- Excelled in collaborative **team environments**, implementing solutions through effective **decision making and technical innovation**

Data Engineering Foundation Certification | Informatica | [CERTIFICATE](#)

February 2025

- Completed comprehensive training on **data engineering principles**, focusing on **ETL pipelines, data integration**, and cloud-based data architecture solutions
- Gained practical knowledge of **Informatica tools, data warehousing, and analytical pipeline design** best practices with emphasis on the quantitative data processing and forecasting methodologies

Data Analytics Virtual Internship | KPMG - (Forage) | [CERTIFICATE](#)

June 2024

- Completed client-focused project utilizing quantitative analysis for **data analysis, risk identification**, and comprehensive written business recommendations
- Mastered data **cleaning techniques, insight generation**, and **consulting workflows** through collaborative decision making processes