

AGILAN S

Marukkampatti, Dharmapuri – 636811, Tamil Nadu

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OBJECTIVE

Data analytics student proficient in Python, SQL, Power BI, and data visualization, with hands-on experience cleaning and organizing datasets. Supported full-stack web projects as an intern, developing analytical dashboards to drive insights. Skilled in identifying trends, preparing reports, and collaborating across teams to inform decision-making. Committed to leveraging analytic skills to improve educational facility planning and program evaluation.

EDUCATION

2021 – 2025 **Bachelor of Engineering, Computer Science and Engineering**
Dhirajlal Gandhi College of Technology, Salem

2020 – 2021 **Higher Secondary (Class XII)**
Sri Raghavendra Matric Higher Secondary School, Mecheri

INTERNSHIP

Viswa Digital Technology — Full Stack Web Development Intern Sep 2024 – Oct 2024

- Completed internship training in Full Stack Web Development, focusing on real-time project development, data cleaning processes, and deployment.
- Utilized MS Excel and Power BI for data analysis, transforming raw data into actionable insights and reports while collaborating in a version-controlled environment.

PROJECTS

Power BI Dashboard Project

Designed interactive Power BI dashboards for retail sales and HR attrition analysis using cleaned and modeled datasets. Tool: Power BI. Features: Power Query, DAX, KPI dashboards, slicers, drill-down reports. Concepts: Business Intelligence, Data Modeling, Trend Analysis, Decision Support.

Earthquake Prediction Model

Built a prediction model using historical earthquake data to forecast future events with improved accuracy and pattern recognition. Programming Language: Python. Libraries: Pandas, NumPy, Matplotlib, Seaborn. Concepts: Time Series Analysis, Predictive Modeling, Data Visualization, Trend analysis.

Enhancing Document Security (Final Year Project)

Developed a dual-layer document security system to protect sensitive information using NLP and ECC-based encryption. Programming Language: Python. Libraries: NLP (Natural Language Processing), ECC (Elliptic Curve Cryptography). Concepts: Document Security, Cryptography, Data Protection.

SKILLS

Programming & Frameworks	Python, JavaScript, HTML, CSS, SQL, Django
Data Analysis & Visualization	Data Visualization, Power BI, Power Query, DAX, Data Modeling, KPI Dashboards, Data Cleaning
Tools & Platforms	MS Excel, Power BI, GitHub, VS Code
Languages	Tamil, English

CERTIFICATIONS

- Python, SQL, Power BI, Django & Web Technology – PySpiders, Bengaluru. Certificate No: PYS-26179.
- Python Programming (Value-Added Program): Gained foundational to intermediate skills in Python programming and problem-solving.
- HTML & CSS Workshop: Acquired practical skills in web page design and responsive UI structuring.
- Introduction to Figma: Learned UI/UX design fundamentals and prototype creation.
- Entrepreneurship Development Program: Understood business planning, innovation, and project execution concepts.