

RAGUPATHI C

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Career Objective

Data Analyst and AI & Data Science undergraduate with strong foundations in **Python, SQL, Power BI**, and **Data visualization**. Experienced in building data-driven solutions, dashboards, and predictive models to support business decision-making. Passionate about transforming raw data into actionable insights and seeking entry-level Data Analyst or Business Analyst roles.

Education

Bachelor of Technology – Artificial Intelligence and Data Science

Paavai College of Engineering, Namakkal (Anna University) | 2022 – 2026

Overall Percentage: 76%

Technical Skills

Data & Analytics: Data Analysis, Data Cleaning, EDA, Data Visualization, Power BI, Excel

Programming: Python, SQL, MySQL, Java

AI / ML: Machine Learning, Feature Engineering, Model Evaluation

Cloud & Tools: AWS, GitHub, Git

Web & APIs: HTML, CSS, JavaScript, REST APIs

Internships & Training

AWS Academy – Cloud Virtual Internship | Jan–Mar 2024

- Learned AWS fundamentals (EC2, S3, IAM) and cloud architecture concepts

Google for Developers – AI/ML Virtual Internship | Apr–Jun 2024

- Worked on data preprocessing, EDA, and basic ML model building using Python

IIT Madras – Data Science Workshop | Mar 2025

- Hands-on exposure to data analysis, visualization, and analytics use cases

Academic Projects

AI-Powered Climate Resilience and Disaster Prediction System

Built and enhanced an AI-based predictive system to forecast climate risks and support disaster preparedness

Implemented machine learning algorithms for hazard prediction with a focus on sustainability and resilience

Voice-Controlled AI Assistant (NEXUS)

Built a voice-enabled AI assistant using JavaScript and OpenAI APIs

Implemented and managed speech recognition, text-to-speech (TTS), safe search filtering, personalization, and multilingual translation

Decentralized Voting System (Blockchain)

Designed and implemented a secure and transparent blockchain-based digital voting platform

Ensured and validated immutability, data integrity, and trust using decentralized system principles

Certifications

- AWS Academy Cloud Foundations – Amazon Web Services (Jan–Mar 2024)
- AWS Academy Graduate – Cloud Architecting (*Credly Verified*) – Amazon Web Services (2024)
- National iOS Development Workshop – National Level Workshop (Mar 2024)
- Google for Developers AI/ML Virtual Internship – Google (Apr–Jun 2024)
- Google Cloud Cybersecurity Certificate (*Credly Verified*) – Google Cloud (2024)
- Data Science Workshop – IIT Madras (Mar 2025)
- Google Data Analytics Professional Certificate – Coursera (May 2025)
- Google Cloud Data Analytics Certificate (*Credly Verified*) – Google Cloud (2025)

Languages

English (Fluent), Tamil (Fluent), Kannada (Fluent), Telugu (Native)