

CONTACT

Andrew Isaac Raj G

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OBJECTIVE

An aspiring data scientist and a resourceful analyst known for high productivity and efficient task completion. Excel in communication, teamwork and adaptability, ensuring seamless collaboration and project success. With 2 years of work experience, I am seeking a role which allows me to continue learning and perfecting my skills as I provide high-quality work, and encourages me to flourish.

EXPERIENCE

July-2025 - Sep-2025

- Data and Automation Analyst Intern**
Long Tail Ventures, Dubai, UAE
Tools/Technologies: n8n, Python, JavaScript, APIs (Google, Meta, Open AI and X)
 - Leveraged AI tools and process automation to optimize and accelerate marketing workflows.
 - Designed and deployed an image generation automation agent that streamlined brand promotion across social media platforms.
 - Integrated Google, Meta, Open AI and X APIs into automation pipeline to enable seamless multiplatform campaign execution and data synchronization.
 - Analyzed customer behavior data to generate actionable insights and shared findings to cross-functional teams.
 - Assisted in the execution and optimization of digital marketing campaigns across multiple online businesses.

Nov-2024 - Jan-2025

- Data Eng, Mgmt and Governance Analyst**
Accenture Solutions Pvt Ltd, Chennai, India
Role: QA Tester
Tools/Technologies: Amazon Web Services(AWS), Oracle PL/SQL, Teradata, Informatica, Jira, Confluence, TOSCA
 - Performed manual, performance and automated testing, checked for defects and ensured data integrity during PowerCenter to Informatica Cloud migration.
 - Executed complex SQL queries to compare source and target data, ensuring correct transformation logic.
 - Performed end to end file based testing, validating structure, format, encoding, file size, consistency and content of .csv, .txt and .xml files generated by the workflows.
 - Led and co-ordinated with QA team on production deployments ensuring minimal disruption to business operations.

Sep-2022 - Nov-2024

- Data Eng, Mgmt and Governance Associate**
Accenture Solutions Pvt Ltd, Chennai, India
Role: QA Tester
Tools/Technologies: Amazon Web Services(AWS), Oracle PL/SQL, Teradata, Informatica, Jira, Confluence, TOSCA
 - On boarded as a member of QA (Quality Assurance) team in Informatica Data Management Cloud (IDMC) Conversion project.
 - Functionally tested different workflows to ensure data integrity between Informatica PowerCenter and Informatica Data Management Cloud.
 - Utilized SQL extensively to validate tables, databases and stored procedures in workflows to ensure their functionalities behave the same.
 - Identified and resolved data mismatches and duplicates through detailed SQL analysis.
 - Utilized TOSCA, an automation tool to reduce time for testing, scripting and documentation of results.

EDUCATION

2025

- Middlesex University Dubai**
MS Data Science

- | | |
|------|---|
| 2022 | <ul style="list-style-type: none">• Kamaraj College of Engineering and Technology
B.E Computer Science and Engineering
8.21 CGPA |
| 2018 | <ul style="list-style-type: none">• Adhyapana School CBSE
Higher Secondary Education
8.0 CGPA |
| 2016 | <ul style="list-style-type: none">• Adhyapana School CBSE
Senior Secondary Education
9.0 CGPA |

SKILLS

- SQL, Teradata, Oracle PL/SQL
- Python, R
- Amazon Web Services(AWS), Google Cloud Platform(GCP), Web APIs
- Machine Learning, Big Data Analytics, AI Automation(n8n)
- Microsoft Excel, Power BI, Tableau
- Quality Assurance, Data Integrity
- Informatica, Jira, Confluence
- Functional, Manual and Performance testing.
- Scripting and documentation
- Problem solving, Analytical thinking

PROJECTS

- **Code Review Assistant**

Tools: Next.js, Tailwind CSS, LM Studio, Fast API, Python
LLM: Qwen3-4b-thinking

A modern full stack web application that analyzes and reviews code given by user or upload through a file using a LLM, with a sleek UI built using Next.js and Tailwind CSS. The system provides real time code review, formatting, and suggestions to help developers write cleaner and more efficient code.

GitHub: https://github.com/AndrewRaj0510/Code_Review_Assistant

- **Automated Image Generation**

Tools: n8n, Python, JavaScript, Web APIs(Google, Meta, X, Open AI)

Fully automated Image generation workflow that auto-posts and markets the business on social media. Integrated with Web APIs(Google, Meta, X, Open AI) into the automation pipeline to enable seamless multiplatform campaign execution and data synchronization.

GitHub: <https://github.com/AndrewRaj0510/Automated-Image-Generation>

- **Natural Language Data Visualizer**

Tools: Python, Streamlit, LM Studio
LLM: codellama-7b-instruct

A streamlit app that allows user to interact with datasets using natural language prompts. The app will clean and preprocess the dataset automatically or manually if needed and create meaningful visualizations based on the user prompt all without writing a single line of code.

GitHub: https://github.com/AndrewRaj0510/Natural_Language_Data_Visualizer

- **Portfolio**

Tools: Next.js, Tailwind CSS

Developed a personal portfolio website using Next.js and Tailwind CSS, featuring a responsive, modern, and performance optimized design. The site showcases my professional experience, education, projects with dynamic components with clean animations and dark/light mode support. The website is deployed using Vercel.

GitHub: <https://github.com/AndrewRaj0510/Portfolio>
Website: <https://portfolio-andrew-raj-g.vercel.app/>

LANGUAGES

- English
- Hindi

- Tamil

- **Microsoft Power BI Data Analyst**

Tools: Microsoft Excel, Microsoft Power BI

- Learnt the different components of Power BI and understood how they work together for end to end business solutions.
- Prepared Excel for data analysis and used Power Query to clean, shape and transform data.
- Wrote calculations using DAX to create columns, measures and KPIs. Performed aggregations, time intelligence and conditional calculations.
- Created interactive reports and dashboards. Used data visuals to identify trends, outliers and patterns.
- Deployed and maintained assets in Power BI, explored the important role it plays in data driven business.

Issued By: Microsoft

Issued on: April 2025

- **IELTS (Academic)**

Overall Band Score: 7.5