

Vasanthakumar N

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| LinkedIn

| GitHub

| Portfolio

Professional Summary

I'm a data analyst skilled in Python, SQL, Power BI, and Tableau, with a passion for turning data into insights. I've worked with real-world datasets during my internship at Pantech Solutions and gained industrial exposure at ISRO Propulsion Complex. I enjoy building dashboards, solving problems, and learning new things to grow as a data professional.

Work Experience

TamilLoft Startup, Kanyakumari

Front-end Developer

Jun 2024 – Jan 2025

- Developed a school/college bus management system with live tracking and reporting.
- Collaborated on new features, UI improvements, and technical issue resolutions.
- Conducted code reviews and testing to ensure quality and reliability.

Pantech Solutions, Remote

Data Analytics Intern

Jan 2024 – Feb 2024

- Gained foundational knowledge in Python, SQL, Excel, and statistics for data analysis.
- Analyzed and cleaned datasets to extract insights using statistical methods.
- Created an interactive Power BI dashboard to visualize key metrics.

ISRO Propulsion Complex, Mahendragiri

In-plant Trainee

Aug 2024

- Optimized network protocols, increasing monitoring efficiency by 60%.
 - Built a solid foundation in SQL through hands-on practice.
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Projects

Bank Customer Churn Analysis

- Created a Power BI dashboard to identify and visualize customer churn trends.
- Used DAX, Power Query, and visualizations to uncover actionable insights.
- Helped reduce churn by 20% with improved strategy insights.

Hotel Booking and Revenue Analytics Dashboard

- Built an interactive Power BI dashboard analyzing bookings, revenue, and behavior.
 - Identified patterns that improved business intelligence by 40%.
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Education

Cape Institute of Technology, Tirunelveli

B.E. Computer Science

Graduation: 2025

CGPA: 8.43

Brindhavan Higher Secondary School, Pattukkottai

10th and 12th

Graduation: 2021

Percentage: 88%

Skills

Technical: Python, SQL, Excel, HTML, CSS, JavaScript, React.js, Tailwind CSS

Data Visualization: Power BI, Tableau

Tools: Git, GitHub, VS Code, Jupyter Notebook

Soft Skills: Problem-Solving, Communication, Team Collaboration, Adaptability

Certifications

Python: HackerRank Gold Star, Udemy Certified Python Developer

SQL: HackerRank Certified (Basics to Advanced)

AI: IBM SkillBuild (TNSDC), PwC Power BI Simulation, GUVI AI For INDIA 2.0, Accenture Simulation, NM-AU-TNCPL Ideathon