

# Vasanthakumar N

vasanthakumarnjpv@gmail.com | 9360367989 | <https://www.linkedin.com/in/vasanthakumar-n-413326270/>

## 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 GPS tracking and reporting features.
- Collaborated closely on new features, UI/UX improvements, and technical issue resolutions.
- Conducted code reviews, testing, and debugging for consistent product quality.

### Pantech Solutions, Remote

Data Analytics Intern

Jan 2024 – Feb 2024

- Applied Python, SQL, and Excel for real-world dataset analysis and cleaning.
- Built an interactive Power BI dashboard to visualize key business metrics and drive insights.
- Strengthened foundational skills in statistics, data storytelling, and visualization.

### ISRO Propulsion Complex, Mahendragiri

In-plant Trainee

Aug 2024

- Enhanced network monitoring protocols, improving efficiency by 60%.
- Gained practical SQL experience and deepened understanding of large-scale technical systems.

## Projects

### Bank Customer Churn Analysis

- Designed a Power BI dashboard to identify churn drivers and visualize customer behavior.
- Delivered actionable insights that improved customer retention strategies.

### Hotel Booking and Revenue Analytics Dashboard

- Built an interactive dashboard analyzing bookings, revenue streams, and seasonal patterns.
- Enabled business intelligence improvements by 40% through data visualization.

### Ethereum Transaction Threat Analysis

- Built a machine learning system to detect ransomware-linked Bitcoin addresses.
- Used real-time blockchain data with XGBoost and SMOTE for accurate prediction.
- Visualized results through a Streamlit dashboard for easy threat analysis.

## Education

### Cape Institute of Technology, Tirunelveli

B.E. Computer Science Engineering

Graduation: 2025

CGPA: 8.43

### Brindhavan Higher Secondary School, Pattukkottai

12th Standard - 88%

Graduation: 2021

10th Standard - 86%

Graduation: 2019

## Skills

**Programming:** Python, SQL, HTML, CSS, JavaScript, React.js, Tailwind CSS

**Data Visualization:** Power BI, Tableau, EDA, Data Modeling

**Tools:** Jupyter Notebook and VS code

**Version Control:** Git, GitHub

**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

---

## Organizations & Leadership

- Internshala Student Partner (Jul 2024 – Aug 2024)
  - GUVI Campus Ambassador (Sep 2023 – Present)
- 

## Languages

- Tamil – Native
  - English – Full Professional Proficiency
-