

R.T. Ram Kumar

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Executive Summary

A developer passionate about building data-driven solutions and analytical dashboards for real-world problems. Experienced in data analysis, rule-based systems and structured workflow design using modern technologies. Focused on creating reliable, accurate and easy-to-use systems through practical problem-solving and the eagerness to learn, adapt and deliver impactful technical solutions.

Skills

- **Languages:** Python, SQL
- **Tools & Technologies:** Excel, Power BI
- **Databases:** MySQL, PostgreSQL
- **Soft Skills:** Analytical Thinking, Problem Solving, Communication, Presentation, Team Collaboration

Internships

Coincent.ai – Bangalore

June 2024 – Jul 2024

Role: Data Science Intern

- Developed a house price prediction model using Python and Scikit-learn, achieving 82% prediction accuracy through feature engineering and model optimization.
- Analyzed 5,000+ housing records to identify key trends and patterns.

Projects

Data Science Job Analysis | Preview 

May 2026

Tech Stack : PostgreSQL, VSCode

- Processed and analyzed structured datasets containing global salary, job role and employment information using PostgreSQL.
- Wrote complex SQL queries involving joins, aggregations and filtering to uncover hiring and salary trends.
- Identified hiring trends, in-demand technical skills and salary patterns through analytical SQL queries.

National Road Safety Community-Based Reporting System | Preview 

Nov 2025

Tech Stack : React Native, Firebase

- Developed a community-driven road hazard reporting system with User, Admin, and Super Admin roles.
- Integrated automatic geolocation detection and a community voting system to prioritize high-impact road hazards.
- Designed an administrative workflow with deadline tracking and automated escalation to Super Admin.

Certification

Python Programming | **View** 

Udemy

Achievements

- Top 5 in Hack India Hackathon, Salem
- Finalist in Uyir National Level Hackathon, Coimbatore

Education

Kalasalingam Academy Of Research And Education

Sept 2022 - Jun 2026

B.Tech in Computer Science & Engineering

- CGPA: 8.94/10.0