

# SUMANRAAJ SELVAN

B.Tech Artificial intelligence and datascience, 2nd Year – Aspiring Data Analyst

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## OBJECTIVE

Second-year CSE student at Bannari Amman Institute of Technology with a growing foundation in SQL, Python, and data fundamentals, focused on Data Engineering. Aiming to build strong skills in data warehousing, and cloud data platforms to become an entry-level Data analyst by 2028.

## EDUCATION

B.Tech Artificial intelligence and datascience

Bannari Amman Institute of Technology, Tamil Nadu | 2024–2028 (Expected)  
Current CGPA: 7.2/10

12th (HSC) – Sri SPK Public Senior Secondary School | 2024 – 71%

10th (SSLC) – Sri SPK Public Senior Secondary School | 2022 – 70%

## TECHNICAL SKILLS

Category	Skills
Programming Languages	Python (Beginner), C (Basic)
Data & Databases	SQL, DBMS Concepts, Data Warehousing Basics
Cloud & Platforms	AWS (Basics), Microsoft Azure (Fundamentals)
CS Fundamentals	Data Structures (Basics), Operating Systems (Basics), Computer Networks (Basics)
Tools & Platforms	VS Code, LeetCode, HackerRank

## PROJECTS & INITIATIVES

### 1. SQL Data Analysis Project | *Planned (0–3 months)*

SQL, MySQL | Perform basic data analysis on sample datasets, write queries for filtering, aggregation, joins, and generate simple reports.

### 2. Python-Based ETL Mini Pipeline | *Planned (3–6 months)*

Python, CSV/File-based Data | Build a simple ETL script to extract data from CSV, clean/transform it, and load into a relational database.

### 3. Data Warehousing Design | *Planned (6–12 months)*

Star Schema, Conceptual Design | Design a small star-schema data warehouse for analytics (fact table + dimension tables) and write sample analytical queries.

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## CERTIFICATIONS & LEARNING

Certification / Course	Status	Target Timeline
NPTEL - Database Management Systems	In Progress	Within 12 Months
NPTEL - Python Programming	In Progress	Within 12 Months
AWS Cloud Practitioner	Planned	Within 12 Months
Microsoft Azure Data Fundamentals (DP-900)	Planned	Within 12-18 Months

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## COMPETITIVE PROGRAMMING & PROBLEM SOLVING

- **LeetCode:** 29 problems solved | Global Rank: 3,118,281
  - **HackerRank:** Python – 2★ | SQL – 1★ | C – 2★
  - **Aptitude:** Completed Clock and Direction problems; targeting steady practice across other topics.
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## HACKATHONS & ACTIVITIES

### Smart India Hackathon (SIH)

- Role: Team Participant
  - Outcome: Worked as part of a team on a problem statement; not selected for final round
  - Learning: Identified gaps in implementation and technical depth; actively addressing these areas for improvement
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## **INTERESTS & FOCUS AREAS**

Data Engineering, SQL Optimization, Data Warehousing, Cloud Fundamentals, Problem Solving

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## **KEY STRENGTHS**

- Strong willingness to learn and improve with consistent daily practice
- Honest self-assessment and focus on closing technical gaps step by step
- Basic understanding of data systems and database concepts
- Good team collaboration and adaptability in group work
- Oriented towards converting learning into real projects and execution