

# 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.

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## 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
<b>Programming Languages</b>	Python (Beginner), C (Basic)
<b>Data &amp; Databases</b>	SQL, DBMS Concepts, Data Warehousing Basics
<b>Cloud &amp; Platforms</b>	AWS (Basics), Microsoft Azure (Fundamentals)
<b>CS Fundamentals</b>	Data Structures (Basics), Operating Systems (Basics), Computer Networks (Basics)
<b>Tools &amp; Platforms</b>	VS Code, LeetCode, HackerRank

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## 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.

## 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

## 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.

## 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

## **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