

# AMAN SINGH

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## EDUCATION

### Vellore Institute of Technology

B.Tech in Electronics and Communication Engineering - CGPA- 7.68/10

July 2022 – May 2026

## SKILLS

**Data Analytics:** SQL, Data Cleaning, Data Structuring, KPI Tracking, Reporting, Dashboarding

**Programming:** Python, SQL, C++, HTML, CSS, React

**Tools:** Microsoft Excel, Power BI, Jira (Basic), Git, GitHub

**Core Strength:** Analytical Thinking, Problem Solving, Team Collaboration, Communication, Agile Basics

## PROJECTS

### End-to-End Sales Forecasting & Business Performance Analysis ↗

2025

- Performed end-to-end data analysis on multi-year sales datasets using **SQL and Python** to identify revenue drivers, trends, and seasonality.
- Built time-series forecasting models to predict future sales and support data-driven business planning and decision-making.
- Generated KPI-based reports and insights, enabling 35% improvement in sales performance evaluation accuracy.
- Tools Used: SQL, Python (Pandas, NumPy), Excel

### Automated Sales Data Pipeline & Reporting (GCP) ↗ | Python, GCP, BigQuery

2025

- Designed and implemented an automated data pipeline to ingest, process, and centralize sales data using Google Cloud Platform.
- Loaded structured datasets into BigQuery and created interactive dashboards using Looker Studio for real-time reporting.
- Reduced manual reporting effort by 60% through automation and scheduled data refresh workflows.

### AI Voice Agent Interview Platform ↗ | React.js, OpenAI, n8n, Next.js, Convex

2024

- Analyzed interview session data and user interaction metrics, improving interview efficiency by 40%
- Automated data collection workflows using n8n and OpenAI to enable scalable analytics and reporting.
- Structured session data storage to support trend analysis and performance benchmarking.

## CERTIFICATIONS

- IBM Data Analysis with Python – IBM ↗
- MERN Stack Development Program – Ethnus Codemithra ↗
- AWS Cloud Practitioner Essentials ↗
- VLSI Design Internship – Maven Silicon ↗

## EXTRACURRICULAR

- GitHub Open Source Contributor ↗

Contributed to the open-source Chrome Extension “Hinglish AI Translator”, enhancing AI-powered translation accuracy and user experience. Implemented **Hinglish Input Normalization** for improved translation precision.

- Student Coordinator, IEEE Club (2024): Led technical initiatives and strengthened hands-on problem-solving skills.

## ADDITIONAL INFORMATION

\* Hobbies – Cricket, Carrom