

ARUJ SINGHVI

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EDUCATION

Vellore Institute of Technology
B.Tech — Computer Science and Engineering

CGPA: 8.12
2022 – 2026

TECHNICAL SKILLS

- **Programming & Frameworks:** Python, SQL, JavaScript, Next.js
- **Libraries:** Pandas, NumPy, Matplotlib, Scikit-learn, TensorFlow, React.js, Next.js
- **Data & ML Tools:** Pandas, Numpy, Matplotlib, Scikit-learn, Tensor Flow, Power BI, Jupyter
- **Databases & Platforms:** PostgreSQL, MySQL, Git, Github, ETL, Data Cleaning, EDA, Statistical Analysis, Data Wrangling

PROJECTS

KPI Generator — AI-Driven KPI Engine [GitHub](#) — [Live Demo](#) Aug 2025 – Sept 2025
Next.js, Gemini API, TypeScript, TailwindCSS, SQL, Pandas

- Engineered an AI engine generating **25+ KPIs** using SQL logic, Pandas pipelines, and metric modelling.
- Integrated **Gemini 2.0 Flash API** with Zod validation, improving KPI accuracy and schema reliability by **30%**.
- Built modular UI with Next.js, Radix UI and shadcn/ui enabling **40% faster** feature delivery.

Health-AI — ML Disease Prediction System [GitHub](#) Jan 2023 – Mar 2023
Flask, scikit-learn, Pandas, JavaScript

- Developed SVM-based disease classifier achieving **85% accuracy** through feature engineering and hyperparameter tuning.
- Implemented real-time ML inference via a Flask API integrated with a responsive JS frontend.
- Optimized data pipelines using Pandas, reducing parse errors by **25%**.

EXPERIENCE

Data Analyst Intern (Virtual Experience Program) — **Tata Forage** Jun 2025

- Performed **EDA, preprocessing, and cleaning** on **12,000+ transactions** using Python, Pandas, NumPy.
- Identified **3 revenue-impacting trends** using SQL aggregation, visualization, and statistical analysis.
- Built **4 dashboards** in Power BI/Tableau improving KPI tracking and stakeholder visibility by **35%**.
- Generated insights using segmentation, trend analysis, and performance metrics to improve forecasting accuracy.

CERTIFICATIONS

- Data Analysis in Python — IBM (Coursera)
- Excel Data Management & Analysis — Udemy

LEADERSHIP & ACTIVITIES

PR Lead — Cisco Community Oct 2023 – Mar 2024

- Directed PR and branding operations for a 200+ member tech community, coordinating design and content teams to boost event visibility and engagement.

Outreach Team Member — Bit by Bit Club Nov 2023 – Dec 2024

- Led outreach and promotional initiatives, increasing participation and strengthening campus presence.