

DANISH AHMED N F

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<https://danishkfd.github.io/Resume/>

Coimbatore, Tamil Nadu

OBJECTIVE

Computer Science student with a Data Analytics focus, skilled in Python, SQL, and full-stack development. Built and deployed production-style analytics platforms processing real government and financial datasets. Looking for an internship or entry-level role to apply these skills in IT or banking.

SKILLS

Programming Languages: Python, JavaScript, C, C++, HTML

Web & Backend: Flask, REST APIs, React, Vite, Tailwind

Data & ML: PyTorch, Sentence Transformers, FAISS, Pandas, NumPy

Databases & Tools: PostgreSQL, MySQL, Git, Linux, Docker

Languages Known: English, Tamil, Hindi, Urdu

PROFESSIONAL EXPERIENCE

Codak Pharmaceuticals OPC Private Limited

2022 - Present

Sales Associate (Part time)

Handled Accounts of the Company and Boosted Sales in my corresponding region. Created a well furnished work environment promoting Critical Thinking as a key aspect within my co-workers. Pushed the Company to new limits with On-Time performance Thus overall improving Sales figures.

CERTIFICATIONS

- TCS ION Industry Honor Course - Data Mining and Warehousing
- TCS ION Industry Honor Course - Data Modeling and Visualization
- Introduction to MongoDB by MongoDB

EDUCATION

Master of Science in Information Technology

Sri Ramakrishna College of Arts & Science

2025-2027

Post Graduate Diploma in Advanced Computing

Sri Ramakrishna College of Arts & Science

2025-2026

B.Sc Computer Science with Data Analytics

Sri Ramakrishna College of Arts & Science

2022-2025

HSC

Perks Matriculation Higher Secondary School

2021-22

SSC

Perks Matriculation Higher Secondary School

2019-20

EXTRACURRICULAR ACTIVITIES

Coimbatore Quiz Club

Member

Omni Book Club

Member

Programming Club

Member

PROJECTS

EDA in a Pharma Company

Performed Exploratory Data Analytics for a Pharma company to provide key insights which were used to boost the sales Figures. Also marked out growth Trajectories and possible vulnerabilities.

Re-store

Created a small e-commerce platform to form a small local community to promote re-use and sale of surplus goods.

GemTutor

Built a full-stack RAG-powered chatbot that answers Maths, Science, and Social Science questions using Samacheer Kalvi textbook content. Implemented a retrieval pipeline with Sentence Transformers embeddings and a FAISS vector index to fetch relevant textbook chunks, then generates grounded answers via the Google Gemini API through subject-aware prompts. Includes simple/detailed explanation modes and a "one-click simplify" feature for re-explaining answers in easier language.

Tech: Python, Flask, FAISS, Sentence Transformers, Google Gemini API, JavaScript.

Git Repo Reviewer

Node.js/Express web app that analyzes any public GitHub repository using Google's Gemini API, generating an AI summary, tech-stack breakdown, and actionable code improvement suggestions with full file diffs; integrates with the GitHub Contents API to auto-create branches and open pull requests for selected changes

Satellite Map Classification and Image Captioning using Deep Learning

Built a two-stage deep learning pipeline on the DeepGlobe land-cover dataset: trained a DeepLabV3+ segmentation model (ResNet-50 encoder, ImageNet-pretrained) in PyTorch to classify satellite imagery into 6 land-cover classes (agriculture, urban, forest, water, rangeland, industrial), and integrated a BLIP captioning model to auto-generate natural-language descriptions of the segmented land composition. Used a combined Dice + BCE loss with mixed-precision training for stability and speed.

Tech: PyTorch, segmentation-models-pytorch, Hugging Face Transformers (BLIP), OpenCV

Unified Dashboard — Election Data Hub

Built and deployed a static web dashboard visualizing self-declared financial data (bank accounts, assets, loans) of State Legislative Assembly candidates across India, sourced from Election Commission affidavit filings via MyNeta. Covers 15 states/UTs live with 15,000+ candidate records indexed across 28+ states; features an interactive state-wise map, constituency drill-downs, and party/bank-level views. Tech: HTML, CSS, JavaScript.

Live: danishkfd.github.io/Unified-Dashboard/hub.html

RBI Banking Infrastructure & Digital Payments Analytics Platform

Built a full-stack analytics platform that ingests RBI's monthly banking statistics (ATM, PoS, card, digital payments) via a structural ETL pipeline, stores it in PostgreSQL, and serves it through a Flask API to a React dashboard. The parser validates every import against RBI's own published totals and requires no code changes for future months. Includes JWT auth with role-based access, bank comparison/ranking tools, and market-concentration analytics. Validated against RBI's April 2026 data: 63 banks, all 26 metrics reconciled exactly.

Tech: React, Flask, PostgreSQL, Docker, JWT.

Live: rbi-card-usage-analytics.vercel.app