Pranav Chaturvedi

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About Me

Google-certified Data Analyst with Python expertise and experience optimizing workflows through projects like cloud-based load balancing. Proven success in competitive exams, demonstrating analytical rigor and resilience.

Signature Achievements:

- **UPSC Top 1% :** Cleared **Prelims** thrice with top marks in Mathematics, Essay, and Ethics.
- **College Credits:** Completed 4 year B.Tech course credits in **just 3 years.**
- **AIR 9294 : IIT JEE Advance**, 2013

EDUCATION

Vellore Institute of Technology, (VIT) Vellore, TN
Bachelor of Technology in Computer Science May 2013- May 2017
*ICMDS 2016 Conference and **IEEE Journal**: **Predictive Load Balancing Algorithm** using cloud computing*
- ✓ Major CGPA: 8.92/10.00
- ✓ Cracked **IIT Bombay** internship.
- ✓ Best speaker in **Toastmasters Club** Humorous speech contest.

TECHNICAL SKILLS

- ➢ **Programming Languages**: Python, R, SQL, C++, Java
- ➢ **Tools:** MS Excel, Tableau, PowerBI, BigQuery
- ➢ **Frameworks**: Pandas, Numpy, Scikit-Learn, Matplotlib, ggplot2, tidyverse
- ➢ **Datasets**: Palmer Penguins, BigQuery New York Traffic dataset, Kaggle datasets
- ➢ **Platforms**: Jupyter Notebook, Visual Study Code, Github
- ➢ **Soft Skills**: Rapport Building, Strong Stakeholder Management, Eloquent, Co-Governance, Stewardship

Fellowship

Indraprastha Institute of Technology (IIIT) Okhla 3, Delhi
Automatic Weather Station Project July 2016 – April 2017
Developed **Automatic Weather Station** with **wind, temperature, and rain sensors**, integrated with **cloud computing**.
• Built a **PHP/JavaScript web app** for **real-time crop data** and **insurance calculations**, ensuring **15-day farmer compensation**.
• **Reduced crop insurance claims by 35%** through process optimization.

PROJECT EXPERIENCE

Cyclist Capstone Project| Link Github
Google Data Analytics, Coursera Dec 2024 – Jan 2025
• Analyzed **casual vs. member usage** patterns; casual riders focused on **weekends**, members on **weekdays**.
• Identified **2.4x longer ride durations** for casual riders using advanced **data cleaning in R**.
• Mapped top stations and routes with **geo-tracking data** for marketing insights.
• Recommended **weekend-only and seasonal memberships** to increase conversions

LEADERSHIP EXPERIENCE

Data entrepreneur, UPSC-Ganga Remote
Integrity and Empathy Manager Feb 2021 – May 2022
- Created **MERN stack platform** for **online courses, tests**, and **live-streamed, personalized lectures**.Leveraged Excel and data analytics to **boost student performance by 20%.**
- Managed and expanded Telegram community, achieving 1000+ active donor-subscribers in the first three months.

Data Insights Volunteer, VIT Vellore
Voting awareness campaign Feb 2015 – May 2015
- Collaborated with Art of Living to design and implement data-driven campaigns, encouraging non-Vellorian VIT students to join the voter registry.
- Increased campaign reach by 50% through targeted Facebook posts optimized for voter awareness.

Hobbies

Blogging, Linkedin content writing , jogging, learning about Web Dev and exploring huggingface.