

ANANT MOHAN

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Objective:

To utilize my technical skills for achieving the target and developing the best performance in the organization. I would like to implement my innovative ideas, skills and creativity for accomplishing the projects.

Academic Details:

Course	Institute	Board	Percentage/CGPA	Year of Completion
MS(Research) (In DS)	IITB	Deemed	On-going	2025
B.E. (In CSE)	P.E.S College of Engineering, Mandya Karnataka, India	Autonomous Institution Under VTU, Belgaum	8.10	2018
Class 12	Holy Mission Secondary School, Danapur, Patna, Bihar	CBS E	69.16	2013
Class 10	Sainik School,Goalpara Assam, India	CBSE	9.6	2011

*Up to 8th Semester in BE

Experience:

- 3 years of work experience with Mercedes-Benz R&D India as a consultant.
- Currently looking for a job opportunity in Data Science (Computer Vision).

Projects in Post-Graduation Research work:

- **Airplane Part Segmentation** in **Few-Shot** scenario from the CAD generated airplane images.
- **Part Segmentation** on Standard part dataset (Paper work is On-going).

Projects in Post-Graduation course work:

- **Lane Detection** and **Shadow Detection and Removal**.

- Creating **Panoramic view** using OpenCV. SIFT, RANSAC and Warping are used.
- **Image classification** using Bag of Visual Words (BOVW), KMeans Clustering and classifier on the Horse and Bike dataset and CIFAR-10 dataset.
- **Image captioning** based on a CNN-LSTM system.
- **Face detection** and **Verification** system using PCA, AE and DNN (ArcFace, BlazeFace)
- **MLOps Project using Kedro:** <https://github.com/Anant4830/AI-839>
- **MLOps Full Stack:** <https://github.com/Anant4830/End-to-End-ML-Pipeline-for-DP>

Data Science Post Graduate Projects and Certification:

- **HACKATHON-** Customer Churn prediction in the Banking Sector.
- Region wise Market sales Analysis and Predicting the unit sales for each item ID.
- **PGP Certification** in Data Science from **INSOFE**.

Internships/Projects Undertaken in Undergrad:

- Mini Project in 4th Semester on “**Logic Gate implementation using C**” under the guidance of Mrs. Deepika and Computer Science and Engineering Department PES College of Engineering.
- Mini Project in 6th Semester on “**Smart Gardening and Watering System**”, a project on **IOT (Internet of Things)** under the guidance of Mrs. Deepika and Computer Science and Engineering Department PES College of Engineering.
- Major Project in 8th Semester on “**Smart Waste Management System**” based on **IOT** and **ML(Machine Learning)**

Technical Skills:

- MLOps (Kedro, Quarto, MinIO, Evidently, Flask, Airflow, Mlflow, Docker, git, etc)
- Languages- Python, Pytorch, C, C++, SQL, Java, R, Arduino Programming, Swift.
- Machine Learning (Regression, Classification, Ensemble Learning, Recommendation System, Association rule mining), Time Series, Text mining, Deep Learning (Artificial Neural Network, Recurrent Neural Network, Convolution Neural Network), Statistical Learning, Storytelling, Visualization, Transformer, Transformer in Vision (ViT, Swin)
- Packages/Tools – MS Office, DBMS, R studio, Anaconda, Spyder, Jupyter, Android Studio, Tableau, Google Data Studio, Xcode, VSCode.

Extra/ Co-Curricular Activities:

- Social Service in and outbound in School and College.
- Volunteered in various technical events conducted by CIA and **GLUG PESCE**.
- Played Hockey at college level in **VTU Tournament, Dhyanchand Tournament** and various other district tournaments.
- Played football matches at zonal level representing Sainik School.
- Conducted **RISE** (Research Innovation Society and Entrepreneurship) 2024 at IIITB
- Conducted **3D Vision Summer School** 2024 at IIITB
- Volunteered and Conducted **ICVGIP** 2024 at IIITB

Achievements:

- NCC 'A' Certificate Holder.
- Runners up in East Zonal Sainik School Hockey Championship.
- Exe-com member of GLUG PESCE.

Personal Profile	
D.O.B:	8 th April, 1996
Father's Name:	Mr. Prakash Mohan Singh
Hobbies:	Reading books, Sports, working on Arduino based projects and IOT, Learning about new technologies and research.
Languages Known:	English and Hindi
Permanent Address:	Shri Hari Sadan, East of Gayatri Mandir, Saharsa Pin-852201, Bihar, India.
Strengths:	Punctual, Committed, Dedicated and Leadership Qualities.

Date:

Place: Bangalore

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