

# More Samarth Hemant

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## SKILLS

- **Languages:** C++, Python, Java
- **Machine Learning:** Model development, predictive modeling, and analysis
- **Tools/Platforms:** Power BI, MySQL, Git, GitHub
- **Libraries:** Pandas, NumPy, Matplotlib, Scikit-learn, Seaborn
- **Core CS:** Data Structures & Algorithms, DBMS, OS, Computer Networks

## PROJECTS

- **SMS Spam Detection System | [GitHub](#)** November 2025 - December 2025
  - Developed an end-to-end SMS spam detection system using Machine Learning and NLP techniques to classify messages as spam or legitimate.
  - Performed text preprocessing including tokenization, stop-word removal, and vectorization using TF-IDF and Count Vectorizer.
  - Created dynamic visualizations to support data-driven decision-making and comparative analysis.
  - **Tech:** Python, Machine Learning, NLP, Pandas, NumPy, Scikit-learn
- **Airport Route Planner | [GitHub](#)** June 2025 – July 2025
  - Built a web-based airport route optimization system implementing Dijkstra's Algorithm to compute the shortest path between cities using graph data structures.
  - Designed a weighted adjacency graph model and developed a modular Django backend for efficient route processing and scalability.
  - Integrated Leaflet.js to visualize airport coordinates and dynamically display optimized routes on an interactive map.
  - **Tech:** Python, Django, Dijkstra's Algorithm, Graph Data Structures, Leaflet.js, HTML, CSS
- **IPL Analysis Dashboard | [GitHub](#)** November 2025 - December 2025
  - Built an interactive Power BI dashboard to analyze IPL match, team, and player performance data.
  - Cleaned and transformed raw datasets to generate meaningful insights and seasonal performance trends.
  - Deployed an intuitive Python interface on Render, enabling real-time subscription analysis and expense reduction.
  - **Tech:** Power BI, Data Analysis, Data Visualization, DAX

## TRAINING

- **DSA Summer Bootcamp Trainee -** June 2025 – July 2025
  - Completed an intensive DSA bootcamp focused on mastering core Data Structures and Algorithms from basics to advanced problem-solving.
  - Gained hands-on experience solving computer science problems using optimized and efficient approaches.
  - Implemented key data structures and algorithms including arrays, linked lists, stacks, queues, trees, graphs, recursion, and greedy techniques.
  - Achieved **Grade A** through consistent performance, improving coding efficiency and logical thinking.

## CERTIFICATES

- Cloud Computing - NPTEL - [Certificate](#) October 2025
- Code Quest: DSA Summer Bootcamp from Basics to Brilliance - LPU - [Certificate](#) July 2025
- Master Generative AI & Generative AI tools - Infosys Springboard - [Certificate](#) August 2025
- Python for Data Analysis: Pandas & NumPy - Coursera - [Certificate](#) January 2025
- Introduction to Hardware and Operating Systems - [Certificate](#) September 2024

## EXTRA-CURRICULAR ACTIVITIES

- **One India | Represented Maharashtrian Culture in Cultural Event | Secured First Prize** October 2025
  - Contributed to a cultural performance representing Maharashtrian traditions with strong teamwork
- **Solved 150+ problems on LeetCode** February 2026
  - Developed strong analytical and coding skills by practicing algorithmic problems.

## EDUCATION

- **Lovely Professional University** Punjab, India
  - *Bachelor of Technology - Computer Science and Engineering; CGPA: 6.75* Since August 2023
- **A D Joshi Junior College** Maharashtra, India
  - *Higher Secondary Percentage: 86.67* August 2021 – May 2022
- **Shobhatai Diliprav Sopal Vidyalaya** Maharashtra, India
  - *Matriculation Percentage: 93.20* June 2019 - March 2020