Samar Singh

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Bachelor of Technology
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EDUCATION

•**Maulana Azad National Institute of Technology, Bhopal**	*2023-Present*
B.Tech Computer Science Engineering	CGPA: 7.55
•**Delhi Public School, Mandla Road , Jabalpur**	*2022-2023*
CBSE 12th PCM	Percentage: 91.4
•**Delhi Public School, Mandla Road , Jabalpur**	*2020-2021*
CBSE 10th	Percentage: 94

EXPERIENCE

• **Research Intern** — *May – July 2025*

Under the guidance of Dr. Amit Vishwakarma and Dr. Ayan Seal — IIITDM , Jabalpur

– Conducted research in the field of Machine Learning on both structured and image data.
– Developed a housing price prediction model using regression; applied Isolation Forest for outlier detection.
– Implemented "Single Image Haze Removal using Dark Channel Prior" and "Underwater Image Enhancement via Wavelet and Adaptive Color Correction" techniques.

• **Event Manager** — *May 2024 - Present*

Entrepreneurship Cell — MANIT , Bhopal

– Managed Central India's largest entrepreneurial fest with a mix of offline and online events.
– Partnered with 100+ colleges to amplify outreach for E-Summit '25.
– Handled PR for events such as stock/crypto simulations, startup expos, B-plan competitions, and IPL auction.
– Coordinated with 50+ startups, 50 investors, and 25 incubators for the Startup Expo.
– Served as liaison for investors/VCs from Unicorn India Ventures, 100X.VC, TIE India Angels, and others.

PERSONAL PROJECTS

•**Housing Price Prediction Model** — *Oct – Nov 2024*

Built a machine learning model to predict house prices using regression techniques and real estate dataset. — LINK

– Tools: Python, Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn
– Preprocessed data: handled missing values, encoded categoricals, scaled numerics
– Evaluated 8+ models; improved RMSE by 12% via tuning and feature selection

•**Student Management System** — *Feb 2025*

Full-stack web app to manage student records with CRUD, search, and a modern responsive UI. — LINK

– Tools: Python, Flask, MySQL, HTML, CSS, JavaScript
– Built secure CRUD (add/view/edit/delete) with flash messages and validation
– Implemented search (name/roll) and a dashboard with attendance stats

•**Contosso Financial Performance Dashboard** — *Dec – Jan 2025*

Interactive Power BI dashboard analyzing sales, profit, product, and geography. — LINK

– Tools: Power BI, Power Query, DAX, data modeling
– Cleaned and transformed raw sales/finance data for accurate reporting
– Built KPIs, time-series, brand comparisons, geo views with drill-downs/filters

TECHNICAL SKILLS AND INTERESTS

Languages: C/C++ , Python , SQL , HTML , CSS , JavaScript
Developer Tools and Platforms: Pycharm, VS Code, Kaggle, Microsoft Power BI
Soft Skills: Multitasking and Decision Making, Leadership, Effective Communication, Teamwork and Collaboration, Product and Media Management, Time Management
Core Competencies and Technical Skills: DSA, OOPS, DBMS, Machine Learning

POSITIONS OF RESPONSIBILITY

• **Media Lead ,** E-Cell , MANIT, Bhopal	*Apr 2025 - Present*
• **Event Manager ,** E-Cell , MANIT, Bhopal	*Apr 2024 - Mar 2025*

ACHIEVEMENTS

• E-Summit'25 , E-Cell , MANIT, Bhopal	*Feb 2025*
• Goldman Sachs Operations and Deloitte Australia Data Analytics Job Simulation on Forage	*June 2025*
• TechA Data Analytics using Power BI Foundation Certification - Infosys Springboard	*June 2025*
• Solved 150+ DSA problems on multiple platforms like leetcode, GFG	