Sachin Ajeetkumar Singh

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Education

BE in Computer Science Engineering (SITS, Narhe (2022-26))	**CGPA-7.5**
Senior Secondary Education – Class XII(2021)	**Percentage-89.4**
Secondary Education -Class X (2019)	**Percentage-90.2**

Summary

Motivated 4th-year CSE student with expertise in AI/ML, Data Science, and Full-Stack Development. Proficient in Python, Java, React, and databases, with hands-on experience in ML models, chatbots, and app development. Strong problem-solving skills (**Top 2% NPTEL**,50+ LeetCode solutions,). Passionate about AI-driven innovations and scalable solutions.

Work Experience

Co-Founder & Web Developer | SM Foods | Mar 2025 – Present(link)

- Co-founded and launched a food startup with an eCommerce platform using Odoo.
- Built and managed a responsive website, streamlining online orders and product listings.
- Enhanced customer experience by optimizing UI/UX and navigation flow.
- Led branding, packaging, and logistics coordination for initial product rollout.
- Executed digital strategy and content updates, improving site engagement by **40%**.

AI/ML & Data Science Intern | YBI Foundation | Jan 2025 – Feb 2025 (git) (link)

- Built and optimized **Image Recommendation ML models** for real-world applications, improving accuracy by **15%**.
- Processed and analyzed **10,000+ data points** for predictive insights.
- Automated data preprocessing, reducing manual effort by **30%**.
- Collaborated on AI-driven solutions, enhancing decision-making efficiency.

Technical Project

AI Data Analyst | *Streamlit, Pandas, Scikit-learn,* (git) (link)

- Built a web app enabling users to upload datasets and auto-generate insights, charts, and EDA reports.
- Modularized pipeline for data cleaning, summary stats, and correlation, reducing manual analysis by **70%**.
- Added AI-based chart recommendations and custom chart builder, boosting visualization speed by **3×**.
- Designed responsive UI with interactive toggles and session-state memory, improving user retention by **40%**.
- Delivered a no-code analytical tool reducing analysis time from hours to minutes for non-technical users.

Fashion Recommendation System | *Streamlit, ResNet50, KNN, TensorFlow, Pandas* (git) (link)

- Built a content-based fashion recommender using ResNet50 and KNN, achieving **95% image** match accuracy.
- Enabled real-time and recursive recommendations, boosting user interaction by **60%.**
- Designed a Streamlit UI with session management, reducing drop-off rate by **40%.**
- Optimized feature extraction pipeline, cutting prediction latency by **50%**.
- Processed **1,000+** fashion items with embeddings for scalable AI-powered matching.

Achievements

LeetCode Problem Solving (link)

- Solved **50+ problems** across **Easy, Medium, and Hard** difficulty levels, **50 days Batch.**
- Strengthened problem-solving skills in **Data Structures & Algorithms**

NPTEL Certification - Top 2% (2024)

- Ranked in the top 2% in the NPTEL " Demystifying Networking" exam**.**

Skills and Interest

- **Technical:** Python, JavaScript, React.js, React Native, HTML, CSS, MongoDB, Flask, Streamlit, Git, REST APIs, TensorFlow, Scikit-learn, ResNet50, Data Visualization (Plotly, Matplotlib, Seaborn), Gemini API, Responsive UI Design, Problem Solving
- **Soft Skills & Interests:** Team Leadership, Agile Project Management, Public Speaking, Technical Writing, Critical Thinking, Client Communication, Brainstorming, Analytical Thinking, Decision Making, Fast Learning, Collaboration
- **Core CS & Academic Areas:** Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP), Operating Systems, Computer Networks, Cloud Computing, Database Management Systems (DBMS), Software Architecture, Theory of Computation, Machine Learning.

Certifications

Machine Learning - Fundamental of Python Machine Learning |Udemy
Python And Django Framework and HTML 5 Stack Complete Course | Udemy
Docker Kubernetes MasterClass: DevOps from Scratch| Udemy
React Crash Course: From Zero to Hero| Udemy
The Complete Full-Stack Web Development Bootcamp| Udemy
C++ Programming from Beginning to OOP| Udemy

Also Known

C, TypeScript, SQL, Bash, Next.js, Node.js, Express.js, Bootstrap, Django (basics), MySQL, PostgreSQL, SQLite, OpenCV, PyTorch (basics), NLTK, SpaCy, Time Series Forecasting, Hyperparameter Tuning, Scikit-Optimize, Power BI, Tableau, Microsoft Excel, Microsoft Word, Google Sheets, Docker Compose, Kubernetes (basics), Firebase Hosting, Railway.app, Vercel, Netlify, AWS (basics), GitHub Actions, Notion, Trello, Jira (basics), Slack, Zoom, Microsoft Teams, SCRUM, Kanban, Design Thinking, User-Centered Design, Presentation Skills.