Saurabh Kumar Singh

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WORK EXPERIENCE

Cisco Virtual Internship 2025 – Intern (Networking)   Jun 2025 – Present

- Configured routers and switches using Cisco Packet Tracer.
- Designed and simulated network topologies (LAN/WAN).
- Implemented IP addressing, subnetting, and routing protocols.

PROJECTS

My Portfolio   Live Demo

- Built a responsive portfolio website with sections for About, Experience, Projects, and Contact.
- Integrated GitHub links, project demos, and CV download option; deployed on Netlify.

Disease Outbreak Prediction (Machine Learning)   GitHub Repository

- Developed machine learning models in Python to predict disease outbreaks using historical health data.
- Applied Pandas, NumPy, and scikit-learn to analyze patterns, test predictions, and document results.
- Improved prediction accuracy by 15% through feature engineering.

SKILLS

Programming	Python, Java, C
Database	MySQL
Frontend	HTML, CSS, Streamlit (Basics), Figma, Canva
Data Analytics	Pandas, NumPy, Matplotlib, scikit-learn (Basics), openpyxl (Basics), pickle (Basics)
Other	Linux, Git, GitHub, AWS (Basics)

EDUCATION

B.E. Computer Science and Engineering   2023 – 2027 (Expected)
Sathyabama Institute of Science and Technology   CGPA: 7.9 (Present)

Senior Secondary (Class XII)   2023
Bharath Senior Secondary School   72%

CERTIFICATIONS

Nasscom FutureSkills – Digital 101 (Gold)   **NPTEL** – Programming in Java
Cisco – Networking Essentials, Packet Tracer   **CodeTantra** – Programming in Python
Deloitte – Technology Job Simulation

LANGUAGES

English, Hindi, Tamil