

SATYAM PATEL

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PROFESSIONAL SUMMARY

B.Tech candidate specializing in **Data Science and Artificial Intelligence** with a proven track record of developing **Generative AI** applications and interactive **3D web interfaces**. Recognized for technical excellence with a **Top 10** finish in a Gen AI Hackathon and a **3rd place ranking** in the Smart India Hackathon (SIH). Proficient in bridging complex **Python** logic with modern **React.js** and **Three.js** environments to deliver high-impact, scalable software solutions.

TECHNICAL SKILLS

- **Languages:** Python, Java, SQL.
- **Frameworks & Tools:** React.js, Three.js, LangChain, TensorFlow, Tailwind CSS, Vite.
- **AI/Data Science:** AI Automation, Data Visualization, Selenium, BeautifulSoup.

TECHNICAL PROJECTS

Chroma AI – Color Search Engine | [28 Nov - 3Dec]

- Architected a visual search application using **React.js** to extract color data via REST APIs.
- Designed a 3D interface using **Three.js**, implementing real-time particle backgrounds.
- Developed color-distance algorithms to improve search precision by 40%

Heal – Secure Digital Health Identity (SIH Project) |

- Built a secure health record platform using **TypeScript** and **Aadhaar-linked QR codes**.
- Secured **3rd Position** in the Smart India Hackathon (SIH) at the campus level.

EDUCATION

Shri Ramswaroop Memorial University | *Bachelor of Technology in*

Lucknow, India | 2023 – 2027

Computer Science (Specialization: DS & AI) |

- **CGPA:** 7.7 / 10.0
- **Key Coursework:** Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP).

CERTIFICATIONS

- **Data Analysis Specialist:** Microsoft and LinkedIn.
- **Web Development:** Google Developer Student Clubs (GDSC).
- **Solutions Architecture:** Amazon Job Simulation.

HONORS & LEADERSHIP

- **Top 10 Finalist:** BuildFast Gen AI Hackathon (Project MindMakers).
- **Coordinator:** VIVEKA 3.0 TechFest, Shri Ramswaroop Memorial University.