SHRIMANT SHARMA

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PROFILE SUMMARY

I am a computer science student with experience in full-stack development (C++, Python, JavaScript) and a strong foundation in DSA and OS.
Recently completed a government-backed AI research internship (SERB-TARE), building a deep learning model for skin cancer detection using CNNs and Grad-CAM.
Passionate about solving real-world problems through efficient and impactful software solutions

EDUCATION

2009-2023

BANYAN TREE SCHOOL

- Xth- 91.2%
- XII - 83%

2023-2027

SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

- Computer Science and engineering specialization in cyber security
- GPA: 9.58 / 10

INTERNSHIP EXPERIENCE

AI Research & Development Intern

SRM Institute of Science and Technology – SERB-TARE Program(May 2025 - July2025)

- Built a complete deep learning system for skin cancer detection under the government-funded SERB-TARE research initiative, handling everything from model design to full implementation.
- Conducted in-depth research on dermoscopic image classification, applied CNNs from scratch, and integrated Grad-CAM explainability with real-world diagnostic impact.

PROJECT EXPERIENCE

HatchUp- Entrepreneur Help Platform

A platform to connect new entrepreneurs with investors, mentors, and learning resources.

- Developed front-end and backend using HTML, CSS, JS, Node.js, and SQL.
- Enabled funding connections, profile creation, and skill-building classes.

Heart Disease

ML-based diagnostic system using patient data.

- Built using Python (Jupyter Notebook) with models like KNN, SVM, and Random Forest.
- Focused on binary classification using scikit-learn and Keras; showcased on Kaggle.

JavaHouse (In-progress)

A full-stack solution to reduce food stall crowding on campus by enabling pre-orders and faster checkout.

- Built using MERN stack; supports dynamic menus, cart, and order management
- Includes a real-time order tracking system and a “Healthy Meals” filter that personalizes the menu and theme for nutrition-focused users.

SKILLS

- C, C++, Java, Python
- HTML, CSS, React JS
- SQL(dbms)
- DSA in C/C++
- AI/ML
- Operating Systems & Networking
- Effective Communication
- Critical Thinking
- Libraries: NumPy, Pandas, scikit-learn, Keras
- Tools: Git, Google Colab, VS Code, Jupyter Notebook

LANGUAGES

- Hindi: Fluent
- English: Fluent
- German: Basic

CERTIFICATIONS

- NPTEL in Java Programming, Cryptography and network security
- Udemy in c/c++ programming
- Skill Tests in java and operating systems
- Refer other certifications on my Linkedin profile