

# PRAKARSH AWASTHI

## COMPUTER SCIENCE UNDERGRADUATE



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awasthiprakarsh06@gmail.com



prakarshportfolio.web.app

### ABOUT ME

A results-oriented technology enthusiast driven by a passion for building seamless, user-focused solutions. Combines technical expertise with creative problem-solving to deliver innovative and reliable outcomes. Known for adaptability, strong work ethic, effective communication, and a collaborative approach that ensures quality and efficiency in every project.

### SKILLS

- HTML5
- Tailwind CSS
- JavaScript
- React.js
- Node.js
- MongoDB
- Express.js
- Data Structures and Algorithms in C and C++
- Machine Learning
- Git and Github
- Linux
- Python
- Java
- Object Oriented Programming
- Artificial Intelligence
- Image Processing

### EDUCATION

#### Bachelor of Technology in Computer Science.

SRM UNIVERSITY (2024-2028)  
GRADE : 9.81 GPA

#### Secondary and Senior Secondary Education

Narayana e-techno : 77.2 (class 12)  
St. Xavier's School : 89.4 (class 10)

### SOFT SKILLS

1. Communication Skills
2. Teamwork and Collaboration
3. Adaptability
4. Time Management
5. Leadership and Mentorship
6. Critical Thinking
7. Logical Reasoning
8. Problem Solving
9. Work Ethic and Responsibility
10. Problem Solving

### EXPERIENCE

#### RESEARCH INTERN

(Oct 2025 - Dec 2025)

*Snet Solutions, India*

- Worked on ML and Deep Learning models, including implementing BDCNN for classification and pattern recognition.
- Performed image preprocessing, feature extraction, and model training using Python, NumPy, OpenCV, and TensorFlow/PyTorch.
- Tuned hyperparameters and evaluated models using accuracy, precision, recall, F1-score, and confusion matrix analysis.
- Collaborated with the team to optimize pipelines, document results, and support publication-focused research.

#### WEB INTERFACE AND GRAPHICS INTERN

(June 2025 - July 2025)

*Dexter Ventures Private Limited, India*

- Assisted in refining and enhancing the website interface using Shopify Liquid, HTML, CSS, and JavaScript.
- Developed responsive and user-friendly web pages to improve customer experience and engagement.
- Collaborated with the team to optimize website performance and ensure seamless functionality.
- Contributed to graphic and visual design elements for a more appealing and modern website layout.

### PROJECTS AND CERTIFICATIONS

- GFG Full Stack Certification: Completed an extensive full stack development program covering MERN stack, REST APIs, and deployment best practices.
- Calmana (Project): Developed a mental health support and VR therapy web application using React, Tailwind CSS, and immersive VR experiences. Features include anonymous peer support, AI therapy chatbot, mood tracking, and real-time sentiment analysis to enhance emotional wellness through both digital and virtual environments.
- Sahaay (Project): Built an AI-powered blood donation and emergency response web and mobile application using React, Tailwind CSS, and Firebase. Integrated intelligent donor-recipient matchmaking, real-time location tracking, and emergency alert systems to ensure faster and more efficient medical assistance.

### REFERENCES

*Mr. Tarun Sehgal (Director, Dexter Ventures Pvt Ltd)*



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