

# Shubham S

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## Objective

Computer Science Engineering student skilled in Python, C, Java. Passionate about software development, data analysis, and AI. Dedicated to impactful solutions through research and project development.

## Education

- **B.Tech, Computer Science and Engineering**, Vel Tech University (2023–Present) — 2nd year, 4th semester
- **Class 12th**, Bhaktavatsalam Vidyashram (2023) — 88.2%
- **Class 10th**, Bhaktavatsalam Vidyashram (2021) — 90.2%

## Technical Skills

**Languages:** Python, C, Java

**Web:** HTML, CSS, JavaScript (Basic)

**Tools:** OpenCV, MySQL, Firebase, Git, GitHub

**Concepts:** DSA, Data Science, Machine Learning (Fundamentals)

## Soft Skills

Leadership, Time Management, Problem-Solving, Collaboration, Adaptability, Communication, Critical Thinking, Logical Reasoning

## Technical Experience

- Developed and deployed **Deepfake Detection** software using Python, OpenCV, ML models.
- Building **Mental Health Wellness System** with real-time interaction and assessment.
- Working on **Image Stitching and Thermal Analysis** using computer vision techniques.
- Designed intuitive **Front-End Interfaces**.
- Strengthened foundation in **DSA** and **Data Science**.

## Projects

- **Deepfake Detector:** Detects AI-generated images/videos.
- **Mental Health Wellness System (Ongoing):** Mental health tracking and assessment web app.
- **Image Stitching and Thermal Analysis (Ongoing):** Panoramic optical/thermal image generation and heated region detection.

## Achievements

- Rank 7 — **SIH Internal Hackathon**, 2024
- AIR 37 — **BITS Pilani Techxlerate Hackathon**, 2024
- First Prize — **Innovators Day National Contest**, Sri Manakula Vinayagar College, 2024
- Consolation Prize — **Pre-Internal Hackathon Contest**, 2024

## Certifications

Machine Learning (Coursera) — DBMS (Coursera) — Networking Essentials (CISCO NetAcad)

## Additional Information

**Languages Known:** English, Hindi, Tamil

**Hobbies:** Sports, Reading, Chess, Video Editing

**Professional Memberships:** IEEE member

**Event Organization:** Conducted hackathons, symposium events and tech outreach programs