

# DHRUMIL JAYESHBHAI PATEL

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## PROFILE

I'm a Computer Science undergraduate at SRMIST, KTR, with a strong foundation in C, C++, and Python. I enjoy exploring machine learning and data science, focusing on how technology can solve real-world problems. Curious and driven, I love turning ideas into working solutions and continuously learning new skills to grow as a developer and problem-solver.

## EDUCATION

<b>SRM University</b> , Bachelor of Technology in Computer Science – AI & ML	Expected 2027
CGPA: 9.45	
<b>Navrachana School Sama</b> , HSC	2023
<b>Navrachana School Sama</b> , SSC	2021

## SKILLS

**Language:** C, C++, Python, Java, JavaScript

**Web:** HTML, CSS, React.js

**AI/ML:** TensorFlow, OpenCV, Scikit-learn

**Databases:** MySQL, MongoDB

## PROJECTS

**FitAi – AI-Powered Fitness Platform (Hackathon)** Developed a web app with real-time activity recognition, dynamic scoring, and multiplayer challenges. *Tech: Python, Flask, React.js, OpenCV, TensorFlow*

**AgroSight – AI Crop Disease Detection** Built a system detecting crop diseases using deep learning, with real-time alerts and a farmer dashboard. *Tech: React.js, Flask, TensorFlow*

**Water pH Detector RC Boat** Created an IoT RC boat to measure and analyze water pH remotely for environmental monitoring. *Tech: Arduino, C, IoT Sensors*

**Student Database Management System** Developed a C-based centralized system to manage student records and attendance efficiently. *Tech: C, File Handling*

## EXPERIENCE

### Event Organizer – XZone Esports Club

Organized and managed gaming tournaments and esports events, coordinating logistics, participant registration, and scheduling. Developed teamwork, leadership, and project management skills while ensuring smooth event execution for 50+ participants.

## CERTIFICATIONS

- Oracle Cloud Infrastructure 2024 Certified Foundations Associate
- NPTEL Online Certification: Programming in Java
- SRM Physics and Nanotechnology Project (Water pH Detector RC Boat)
- ASCENT Computer Education Certificate (C and C++)
- Certificate of Achievement in Next Generation Digital Twin Technology
- Vertex Innovate 2025 - VIT, Vellore