

# SATISH CHOUDHARY

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## Objective

Motivated and detail-oriented B.Tech Computer Science student with strong foundations in Java, Data Structures & Algorithms, and Full-Stack Web Development. Passionate about building impactful real-world solutions, exploring cutting-edge technologies like AI and cloud computing, and contributing to innovative, scalable projects in a growth-driven environment.

## Education

<b>Kalasalingam Academy of Research and Education, Virudhunagar, Tamil Nadu</b> <ul style="list-style-type: none"><li>B. tech, CSE   CGPA: 8.8/10</li></ul>	<b>2022 - 2026</b>
<b>PCHS Patsa, Samastipur, Bihar</b> <ul style="list-style-type: none"><li>Class XII, Percentage: 66%</li></ul>	<b>2020 - 2022</b>
<b>Vidya vatika public school, Samastipur, Bihar</b> <ul style="list-style-type: none"><li>Class X, Percentage: 72.2%</li></ul>	<b>2019 -2020</b>

## Skills and Languages

**Programming Languages** – JavaScript, Java, Python.

**Database** – SQL, Firebase Fire store, MongoDB, PostgreSQL

**Backend& Tools** – Visual Studio Code, Git, Flask, Fast API, Node.js, Express.js, REST APIs, Docker, Postman, Jupyter Notebook.

**Frontend** – HTML, CSS, Bootstrap, Tailwind,

**Data Handling & Visualization:** Matplotlib / Seaborn, Plotly.

**Problem Solving** – Data Structures & Algorithms, OpenCV (basic), face recognition, Vapi AI, ML integration (basic).

## Projects

### PrepWise

An AI-powered full-stack platform that helps users prepare for technical interviews and well as behavioral interviews

- Technologies Used:** Typescript, Next.js, Firebase Auth, Firebase Realtime DB, Vercel, Vapi Ai API

### Smart Waste Management System (IoT + Web)

A full-stack web application Integrated IoT sensors with web-based dashboard for waste level monitoring using Flask and real-time cloud updates.

- Technologies Used:** Arduino, Ultrasonic Sensors, Python (Flask), HTML/CSS, JavaScript, Firebase or MongoDB

### Face Recognition Attendance System

Built a real-time face recognition-based attendance system using Python and OpenCV. Utilized the face\_recognition library to detect and identify faces from webcam input with an average accuracy of **95–97%** under good lighting conditions. Successfully logged attendance into a CSV file with name and timestamp.

- Technologies Used:** Python, OpenCV, face recognition, NumPy, Pandas, CSV

## Academic and Extracurricular Achievements

- Secured 8th position in a coding contest organized by **HACKERRANK** at Kalsalingam University.
- Secured 4th place in the Smart Kare Hackathon at Kalasalingam University.
- Completed over 500+ coding challenges on **LEETCODE**, **GFG**, **HACKERRANK** And **CODECHEF**.

## Positions of Responsibility

### Web Development Lead – Coding Blocks, Kalasalingam University

**Apr – Nov**

- Hackathon Dashboard** – Built a full-stack dashboard to organize and manage hackathon events, team submissions, and live judging.
- Coding Blocks Dashboard** – Developed a web-based dashboard to manage courses, events, and participant registrations using Node.js, Express, and MongoDB.

## Certification

- MERN Stack Certification** Issued by APNA COLLEGE – [October, 2024]
  - Focused on full-stack web development using MongoDB, Express.js, React, and Node.js.
- Machine learning** Issued by Krish naik - [March, 2024]
  - Covered key topics of Basic of python programming language and Machine learning.