



# Aashish Sankar

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📍 Chennai, India

## Profile

Motivated and dedicated 4th-year student pursuing a Bachelor of Technology (B.Tech) degree in Computer Science and Engineering at Vellore Institute of Technology-Chennai, and concurrently pursuing a Bachelor of Science (BS) degree in Data Science and Applications at IIT Madras. With a profound interest in Web Development and Software Development, I am actively seeking challenging opportunities to leverage my technical skills and knowledge in both domains, contributing to cutting-edge projects in the tech industry.

## Education

<b>Vellore Institute of Technology - Chennai</b> <i>B.Tech Computer Science Engineering</i>	2021 – 2025
<b>Indian Institute of Technology - Madras</b> <i>BS in Data Science and Applications</i>	2021 – 2026
<b>NSN Memorial Senior Secondary School</b> <i>Class XII</i>	2020 – 2021
<b>St.John's Public School</b> <i>Class X</i>	2018 – 2019

## Skills

**Programming Languages:** *Python | Java | JavaScript | Dart | C | C++ | HTML | CSS | Bash/Shell Scripts*

**Tools, Frameworks and Version Control Systems:** *Flask | Flutter | Django | ReactJS | NodeJS | VueJS | Git | Bootstrap | Redis | Redis-Celery (Batch Jobs)*

**Database Systems and Cloud Computing:** *SQLite | PostgreSQL | MySQL | AWS*

**Soft Skills:** *Teamwork | Leadership | Problem Solving | Time Management | Adaptive Learning | Decision Making | Active Listening*

## Projects

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### **Ticketify - A Movie Ticket Booking Application**

A web app using Flask for the backend and Vue3 for the frontend that allows users to book movie tickets. It integrates Redis for caching and Redis-Celery for handling batch jobs, like sending daily or monthly emails.

### **CrimeCast: Forecasting Crime Categories**

This project involved EDA, preprocessing, and developing models like Logistic Regression, Random Forest, LightGBM, XGBoost, and a stacking classifier to predict crime categories. Submitted in a Kaggle competition, achieving 35th out of 957 participants.

### **Data-Driven Performance Analysis and Optimization for an Electrical Shop**

Conducted data analysis for a long-standing electrical sales and services business. Identified key operational issues and assessed their impact. Developed and recommended strategies for addressing and improving these challenges.

## Professional Experience

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### **Software Engineer - Intern**

Resolv360 Consulting Services LLP

### **Coordinator - Facilities and Requirements**

Paradox, IIT Madras

## Certifications

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### **Diploma in Data Science**

Indian Institute of Technology, Madras

### **Diploma in Programming**

Indian Institute of Technology, Madras

### **AWS Certified Solutions Architect - Associate**

Amazon Web Services

### **AWS Certified Cloud Practitioner**

Amazon Web Services

### **Data Science and Programming - Foundation**

Indian Institute of Technology, Madras

### **Web Design for Everybody: Basics of Web Development & Coding**

Coursera

### **Python Bootcamp - Zero to Hero**

Udemy

## Languages

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|-----------|---------|---------|------------|
| • English | • Tamil | • Hindi | • Japanese |
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## Hobbies

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|---------------|-----------|---------------|-------------|
| • Digital Art | • Cricket | • Working Out | • Mridangam |
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