

# Akhil Padmanabhan

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Data science enthusiast with a keen interest in Development, Problem solving and Finance.

## EDUCATION

### DJ Sanghvi College of Engineering, Mumbai University

Bachelor of Technology - Computer Science Engineering (Minors in DataScience)

2021 - 2025

Specialization - IoT, Cybersecurity and Blockchain

**Courses:** Data Structures and Algorithms, Distributed Database System, Operating system, Machine Learning, System Design, UI/UX, Blockchain, Cybersecurity, IoT

**Minors:** : Statistics, Probability, Data Science, Machine Learning, AI

## WORK EXPERIENCE

### GYANOHOLIC, Technology Consultant | Remote (Navi Mumbai, India)

Dec 2021 - Mar 2022

- Delivered guidance and instruction to students on creating projects using HTML, CSS, JavaScript, and Python.
- Developed their MVP platform to attendance and performance reporting processes.
- Used Django to create hierarchical roles and SQL to store and retrieve metrics of the students.

### OREN, UX Intern | Remote (Gurgaon, India)

June 2023 - Aug 2023

- Contributed to maintaining a uniform brand aesthetic for pitch decks, brochures, websites, and sales funnels.
- Designed and contributed to websites and products for Oren, impacting their conversion rates.
- Collaborated with tech teams to implement responsive front-end components using React.

### Freelance Developer | Remote

- Delivered landing pages, e-commerce stores, UI designs, automated client workflows using Python scripts for clients such as FULL CIRCLE, GENRE OF DESIGN and others.

## SKILLS

<b>Languages</b>	Python, C/C++, Java, Go, JavaScript, HTML/CSS, Typescript, Bash
<b>Frameworks</b>	Express, React, Nextjs, Threejs, Tailwindcss, Django, Flask, NodeJS, Tensorflow, OpenAI
<b>Systems &amp; Tools</b>	AWS (basic), Google Cloud, Linux, Figma, Git, PowerBI, Tableau
<b>Database</b>	SQL, MySQL, MongoDB, PostgreSQL
<b>Soft Skills</b>	Leadership, Event Management, Problem Solving, Project Management

## PROJECTS

### RedTweet - Hatefull Tweets classifier (Top 10 Hackmanthan) Django, SQL, Scikit, Python

- Developed machine learning application that achieved 95% accuracy in classifying and filtering offensive tweets.
- Utilized Django, Scikit-Learn, and NLP Sentiment analysis (VaderSentiment) to process over 10,000 tweets daily.

### Trading Strategies using Pine Script Candlestick Patterns, Crossover, Market Momentum

- Developed and implemented automated trading strategies using Pine Script on TradingView.
- backtesting and optimizing trading strategies which include candlestick and harmonic patterns, crossovers etc.

### Stocker - Portfolio Manager Python, NextJS, MongoDB, Shadcn, Scikit

- Used MongoDB to simulate CRUD like portfolio managements system with clean UI using Tailwind and Shadcn.
- Implemented averaging strategy using python to predict and analyse the risk of the given set of stocks.

## POSITIONS OF RESPONSIBILITIES

### Technical Head - DJS ISACA Official Cysec Committee of DJSCE

Jan 2023 - April 2024

- Contributed in organising a national hackathon, with 1000+ footfall with a prize pool of more than 1 Lakh.
- Leading of a team of developers, executing and guiding technical projects and events.

### Creative Developer Lead - DJS Buildspace DJS Buildspace

Jan 2023 - Jan 2024

- Driving creativity, fostering collaboration between creative and technical teams.

## ACHIEVEMENTS

- Won **best Project** in **Datahack 2.0 - data science Hackathon, DJS S4DS 2023** making 'Profolio' a job seeking platform with skill matching algorithm.
- Won **1st Prize** in **Brand Revive, Ecell KJSCE** among 20+ teams where we stood out with our business strategy case.
- Successfully secured top positions in over 5+ **diverse events**, including business presentations, tech challenges, hackathons etc.