

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, Database Management System, Operating system, Machine Learning, Deep Learning, UI/UX, Blockchain, Cybersecurity, IoT

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

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 the design and the tech team for smooth conversion of the designs to code.

Freelance Developer | Remote

- Delivered landing pages, e-commerce stores, UI designs, and automation scripts for clients such as FULL CIRCLE, GENRE OF DESIGN and others.

SKILLS

Languages Python, HTML/CSS, Go, C/C++, JavaScript, Typescript, Bash, JAVA

Frameworks Express, React, Nextjs, Threejs, Tailwindcss, Django, Flask, NodeJS, Tensorflow, OpenAI

Software Linux, Figma, Photoshop, Git, PowerBI, Sheets, Tableau

Database SQL, MySQL, MongoDB, PostgreSQL

Soft Skills 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.

Spotify Clone - Custom Backend Django, HTML/CSS, SQL, Python, Youtube API

- Created a fully functional Spotify web app with Django authentication and SQL-based playlist management.
- Integrated search and play song features along with video.

Stocker - Portfolio Manager Python, React, 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 **2nd Prize** in **Recursion 3.0 Hackathon 2022** among 100+ participants where we developed 'Ngage' a help desk platform.
- Successfully secured top positions in over 5+ **diverse events**, including business presentations, tech challenges, hackathons etc.